SCHOOL OF CIVIL ENGINEERING

JOINT HIGHWAY RESEARCH PROJECT

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TRAFFIC SPEED REPORT NO. 110

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PURDUE UNIVERSITY
INDIANA STATE HIGHWAY COMMISSION

TRAFFIC SPEED REPORT NO. 110

TO: H. L. Michael, Director
Joint Highway Research Project

December 17th, 1979

File: 8-3-3

FROM: R. P. Guenthner
Graduate Research Assistant
Joint Highway Research Project

Project: C-36-10C

The attached Progress Report No. 110 on Traffic Speeds is the report of the July-September, 1979 quarterly study of automobile and truck speeds on rural, tangent, level sections of Interstate, 4-lane and 2-lane and on urban interstate highways in Indiana. The report has been prepared by Mr. R. P. Guenthner, a Graduate Instructor in Research on our staff, under the direction of Professor H. L. Michael. The data collection was directed by Mr. G. K. Stafford of our staff.

This is the second quarterly report which utilizes the interim collection and analysis procedures for speed monitoring which are required as a result of the Surface Transportation Act of 1978. Results for this quarter indicate a state wide average of 53.5 per cent of the vehicles traveling above the 55 mph speed limit. This is significantly below the value of 62.3 per cent recorded during the previous quarter. These figures are well within the limits of 70 per cent required for the year ending September 30th, 1979.

The overall results indicate that speeds on Indiana highways have been decreasing throughout this year. The average speeds recorded during this last quarter are the lowest since the advent of the 55 mph speed limit in 1974.

As the fourth quarter for the current speed year, this report includes analysis of data for the seven (7) primary control stations as well as the seven (7) secondary control stations and fourteen (14) random stations.

Copies of the report will be sent to the Federal Highway Administration and the ISHC for review, comment and acceptance as partial fulfillment of the objectives of this HPR Part I Study. Copies of the report are requested for release to the Indiana State Police and the Indiana Office of Traffic Safety as a normal procedure for these reports.

Respectfully submitted,

Richard P. Guenthner

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Graduate Research Assistant

RPG/mag

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Interim Report

TRAFFIC SPEED REPORT NO. 110

by

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and

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Project No.: C-36-10C

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Conducted by

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in Cooperation with the

Indiana State Highway Commission

and the

U. S. Department of Transportation
Federal Highway Administration

The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the Federal Highway Administration

Purdue University
West Lafayette, Indiana
December 17th, 1979

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15. Supplementary Notes

Conducted in cooperation with the U. S. Department of Transportation, Federal Highway Administration under a planning study titled "Speed Trends for Indiana Highways".

16. Abstract

This report is another in the continuing study of speeds of vehicles on Indiana highways. Observations of spot speeds were taken on interstate, four-lane and two-lane highways throughout the state during the July-September 1979 quarter.

This is the second report which utilizes the analysis provided by the interim speed monitoring procedures which are required as a result of the Surface Transportation Act of 1978. Results indicate a statewide average of 53.5 per cent of the vehicles traveling above the 55 mph speed limit. This represents a significant drop from 62.3 per cent recorded during the last quarter.

The overall free flow average speed of 56.7 mph represents a drop of 0.5 mph from the April-June 1979 quarter (Speed Report No. 109). Even more significant is the fact that this average speed is the lowest recorded since the implementation of the 55 mph speed limit in 1974.

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TRAFFIC SPEED REPORT NO. 110

This report is the second which includes the reporting of the interim speed monitoring procedures which are required as a result of the Surface Transportation Act of 1978.

Included here is an analysis of spot speed observations made during July-September 1979. All observations were made of vehicles on level, tangent sections of rural and urban highways under favorable conditions. All observations were made during daylight except at three stations, one each on the three rural classifications. Observations of free flowing vehicles were made at all speed monitoring locations as has been done in the past. Additional data based on every nth vehicle were collected at specified locations to enable computation of those factors required by the interim speed monitoring procedures. This data collection procedure will be referred to as the "all vehicles" technique.

The speed monitoring stations for each highway classification are divided into three groups. The first group of seven (7) is identified as "primary control stations" and includes the same locations on selected Federal and State highways as used in each quarterly study. The second group of seven (7) is identified as "secondary control stations". This group includes stations which are sampled only during the fourth (July-September) quarter of each speed year. The third group of fourteen (14) were selected at random for this quarterly study. A total of twenty eight (28) speed monitoring stations were used for the study reported herein.

Stations were classified as two-lane, four-lane, rural interstate, or urban interstate highways. A representative sample of free-flow vehicles was taken at every station. A similar sample using the "all vehicles" technique was taken at two randomly selected stations for each highway classification. The site locations follow and are shown in Figure 1.

<u>Rural Interstate Highways</u>

* RI-6	(I-65)	7.5 miles north of junction of SR 160
* RI-21	(I-69)	1.6 miles south of junction of SR 18
** RI-12	(I-74)	0.1 miles west of mile marker 109
+** RI-34	(I-65)	1.3 miles north of SR 267
RI-3	(I-64)	1.7 miles west of SR 145
RI-4	(I-64)	4.7 miles west of Corydon RD. - SR 135
RI-11	(I-74)	15.7 miles east of SR 44
+ RI-35	(I-74)	1.0 miles east of SR 39

Four-Lane Highway

* 4L-17	(U. S. 52)	Just east of Co. Rd. 475 W., near Klondike
* 4L-32	(U. S. 30)	2.9 miles west of Wanatah city limit sign
** 4L-20	(U. S. 41)	1.1 miles north of SR 2
** 4L-21	(U. S. 31)	1.1 miles south of SR 38
4L-3	(U. S. 41)	1.7 miles south of SR 54 east
+ 4L-14	(U. S. 40)	0.9 miles east of Comberland city limit sign
+ 4L-22	(U. S. 31)	2.9 miles south of SR 26
4L-23	(U. S. 31)	0.75 miles north of SR 18

Two-Lane Highway

* 2L-18	(U. S. 35)	2.5 miles east of junction of I-69
* 2L-54	(U. S. 231)	1.1 miles south of junction of SR 234
** 2L-79	(SR 25)	0.7 miles south of Americas
** 2L-91	(SR 43)	2.0 miles south of Chalmers
2L-6	(SR 39)	1.65 miles south of SR 47
+ 2L-13	(SR 64)	2.05 miles east of SR 37
2L-66	(U. S. 35)	2.6 miles south of Winamac city limit sign
+ 2L-86	(U. S. 41)	5.25 miles north of west bank - Wabash river

Urban Interstate Highways

* UI-6	(I-65)	east of White River Bridge
** UI-1	(I-94)	1st bridge west of Burr Street interchange
+ UI-2	(I-65)	0.8 miles south of U. S. 30
+ UI-4	(I-465)	100 yds. south of 34th street bridge

* Primary Control Stations.
** Secondary Control Stations.
\+ Stations at which data was collected using the "all vehicles" technique as well as using the free flow method.

The vehicles were classified as Indiana or Non-Indiana Passenger Cars and Light (less than 5000 lbs. gross weight) or Heavy (equal to or more than 5000 lbs. gross weight) trucks. The analysis was performed as classified and combined, passenger cars or trucks.

The speed limit at all stations is 55 miles per hour.

Sample Size

A minimum of 200 vehicles in each direction were recorded using the free flow technique at each station. At least 25 of these vehicles were required to be heavy trucks.

At the selected stations, an additional 200 vehicles in each direction were sampled using the "all vehicles" technique. For this technique, only speed data was recorded of each nth vehicle in the traffic stream. The traffic stream is all vehicles in one direction of movement if volume permits or by lane if high volumes require. If by lane, each lane was sampled for

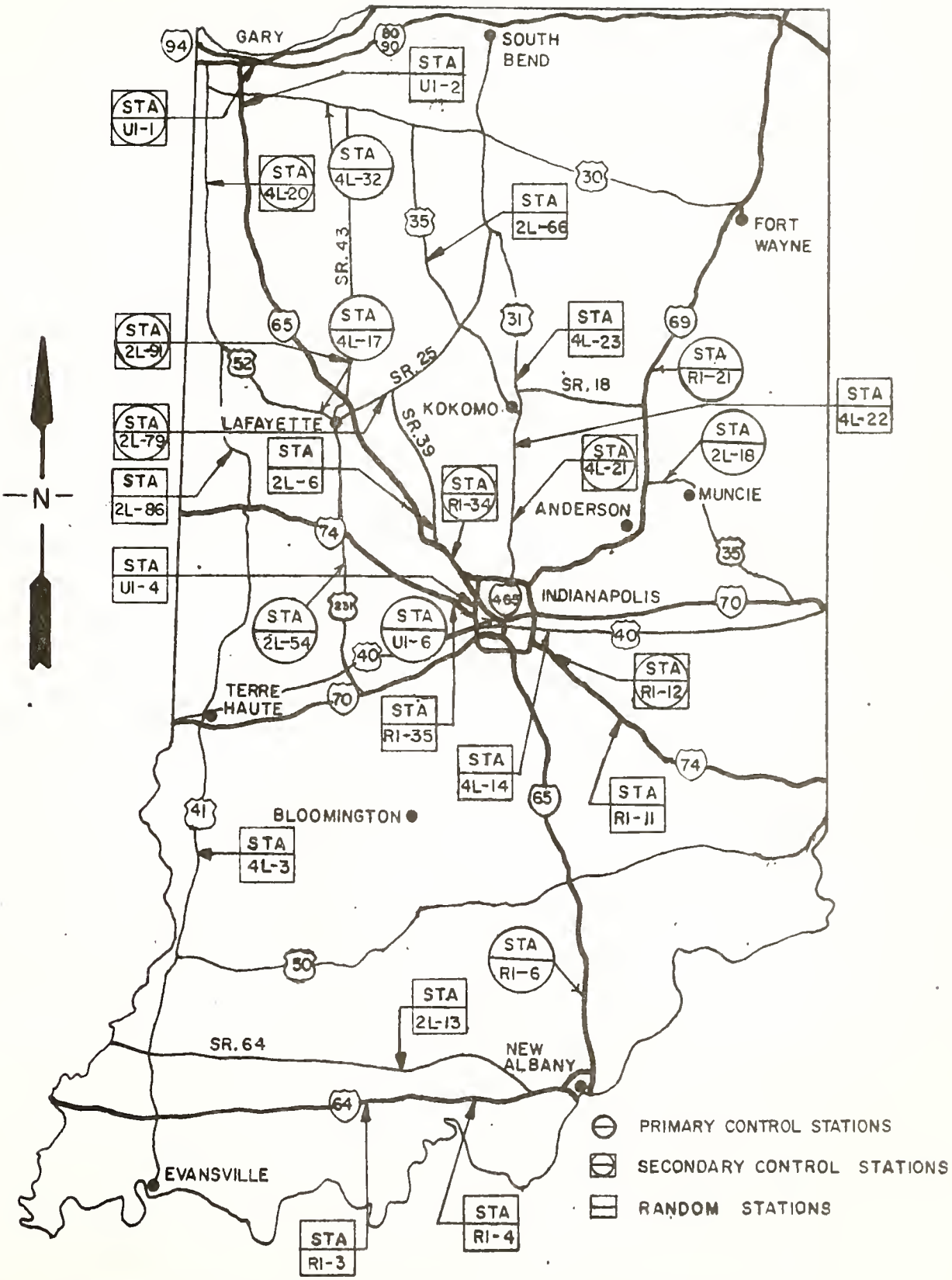

FIGURE I LOCATIONS OF SPEED-STUDY STATIONS

15 minute periods and repeated until the sample required was obtained.

The value of n was 2 in all cases. If the nth vehicle speed could not be obtained, it was not recorded and the next nth vehicle was taken.

At stations where both sampling techniques were used, the two techniques were used interchangeably in 30 minute intervals until complete.

Equipment and Field Procedure

The observations for this study were obtained by use of a Radar Speed Meter. The meter was located in a van type vehicle parked as a disabled vehicle on the right shoulder or as a normally parked vehicle in an access driveway to the road. The van was equipped with one-way vision windows on the rear and side facing traffic so that approaching vehicles could not observe the speed measurement process. The observers were also equipped with CB radio equipment so as to monitor possible radio notification of the speed measurement and of police vehicles in the area. When any such incidents occurred speeds were not taken for at least 15 minutes. Such periods are becoming more common than they have been in previous reports. This problem is especially critical on interstate roads.

The speed was measured at a distance from the van so that the angle of measurement with the highway center line was always less than 10°. No corrections of speed were necessary at these small angles. The accuracy of the meter was checked at the beginning of each data recording session, every time the sampling technique was changed, and at other times when deemed necessary.

During the process of the data collection, a television station did a filmed report describing the speed monitoring process. While care was made not to allow the outside of the van on television, detection of the vehicle was still made by passing motorists along rural interstate station RI-34. However, a comparison of the average speed and other statistics of this station with those of the other rural interstate stations showed no significant difference in the data.

Results of Analysis

The data collected were analyzed and are summarized in the Appendix. Tables A 1 through A 28 include the data for the free flow data on each individual station. Tables A 29 through A 32 summarize the free flow data by highway classification. Table A 33 is the summary for all highways. Tables A 34 through A 46 summarize the data taken using the "all vehicles" technique. Tables A 47 through A 84 present the same information in the FHWA format.

The results of the free flow data expressed by highway classification and vehicle type are as follows:

Table 1: Average Speeds (mph)

	Interstate Urban	Interstate Rural	Other Four Lane Rural	Two Lane Rural	All
Passenger Cars:					
Indiana	56.7	58.5	56.1	55.8	56.6
Non-Indiana	56.9	59.0	55.9	56.0	57.5
All Passenger Cars	56.8	58.8	56.1	55.8	56.9
85 Percentile (all)	60.5	62.7	60.7	60.2	61.3
Trucks:					
Less than 5000 lbs.	56.6	58.0	55.1	54.4	55.8
5000 lbs. or more	56.4	59.1	56.3	55.3	56.9
All Vehicles:					
Average	56.7	58.7	56.0	55.4	56.7
85 Percentile	60.4	62.7	60.6	60.0	61.3

Table 2: Percent of Vehicles Exceeding 55 mph.

	Interstate Urban	Interstate Rural	Four Lane	Two Lane	All
Passenger Cars:					
Indiana	62.7	75.1	55.7	49.6	58.7
Non-Indiana	65.5	80.5	53.0	51.7	67.9
All Passenger Cars	63.9	77.6	55.1	49.9	61.3
Trucks:					
Less than 5000 lbs.	57.5	68.6	49.2	41.1	52.1
5000 lbs. or more	56.5	79.7	58.9	51.8	63.0
All Vehicles:	60.9	76.7	54.8	48.3	60.0

Table 3: Percent of Vehicles Exceeding 60 mph.

	Interstate Urban	Interstate Rural	Other Four Lane Rural	Two Lane Rural	All
Passenger Cars:					
Indiana	16.6	29.5	17.4	15.8	19.5
Non-Indiana	18.5	34.0	18.2	15.8	25.2
All Passenger Cars	17.5	31.5	17.6	15.8	21.1
Trucks:					
Less than 5000 lbs.	16.4	29.1	12.8	12.9	17.2
5000 lbs. or more	15.6	37.8	21.7	16.9	24.3
All Vehicles:	16.8	32.6	17.5	15.4	21.1

Table 4: Percent of Vehicles Exceeding 65 mph.

	Interstate Urban	Interstate Rural	Other Four Lane Rural	Two Lane Rural	All
Passenger Cars:					
Indiana	3.9	7.0	3.2	4.7	4.7
Non-Indiana	2.6	7.8	4.4	3.3	5.5
All Passenger Cars	3.3	7.4	3.5	4.6	4.9
Trucks:					
Less than 5000 lbs.	3.9	5.8	2.6	2.8	3.6
5000 lbs. or more	1.3	7.6	5.3	3.0	4.7
All Vehicles:	2.9	7.2	3.7	3.9	4.6

The following shows a comparrison of the average free flow speed results with those of the previous three quarters:

Table 5: Comparison of the Overall Speed Results

	July-Sept. 1979	April-June 1979	Jan.-March 1979	Oct.-Dec. 1979
Average				
All Passenger Cars	56.9	57.4	58.3	58.8
Heavy Trucks	56.9	57.1	57.5	57.8
All Trucks	56.4	56.9	57.4	57.7
85 Percentile				
All Passenger Cars	61.3	61.6	63.1	63.2
Heavy Trucks	61.7	62.2	63.2	62.9
All Trucks	61.2	61.9	63.0	62.7
15 Percentile				
Heavy Trucks	51.2	51.4	51.1	51.6

Table 6: Average Speeds on Interstate Highways (URBAN)

	July-Sept. 1979	April-June 1979	Jan.-March 1979	Oct.-Dec. 1979
Passenger Cars:				
Indiana	56.7	57.2	58.8	59.3
Non-Indiana	56.9	59.0	59.2	59.7
All Passenger Cars	56.8	57.5	58.8	59.3
85 Percentile (all)	60.5	61.5	62.6	62.9
Trucks:				
Less than 5000 lbs.	56.6	57.5	57.9	58.7
5000 lbs. or more	56.4	57.0	56.9	57.8

Table 7: Average Speeds On Interstate Highways (RURAL)

	July-Sept. 1979	April-June 1979	Jan.-March 1979	Oct.-Dec. 1979
Passenger Cars:				
Indiana	58.5	59.6	60.4	60.8
Non-Indiana	59.0	59.2	60.4	60.6
All Passenger Cars	58.8	59.4	60.4	60.7
85 Percentile (all)	62.7	63.3	64.5	64.7
Trucks:				
Less than 5000 lbs.	58.0	58.1	59.1	59.4
5000 lbs. or more	59.1	59.5	60.4	59.9

Table 8: Average Speed On Other Four-Lane Highways

	July-Sept. 1979	April-June 1979	Jan.-March 1979	Oct.-Dec. 1979
Passenger Cars:				
Indiana	56.1	56.3	56.8	57.8
Non-Indiana	55.9	56.7	58.1	59.5
All Passenger Cars	56.1	56.3	56.9	58.0
85 Percentile (all)	60.7	60.4	62.1	62.6
Trucks:				
Less than 5000 lbs.	55.2	55.6	56.4	56.9
5000 lbs. or more	56.3	56.1	56.2	58.3

Table 9: Average Speeds on Two-Lane Highways

	July-Sept. 1979	April-June 1979	Jan.-March 1979	Oct.-Dec. 1979
Passenger Cars:				
Indiana	55.8	56.4	57.3	57.3
Non-Indiana	56.0	56.4	58.8	58.3
All Passenger Cars	55.8	56.4	57.4	57.4
85 Percentile (all)	60.2	61.0	62.8	62.0
Trucks:				
Less than 5000 lbs.	54.4	55.7	56.8	56.6
5000 lbs. or more	55.3	55.2	55.3	54.9

Analysis of Data from "All Traffic" Collection Technique

Conversion factors for allowing free-flow data to represent all traffic were done as prescribed in the FHWA document "Interim Speed Monitoring Procedures." These conversion factors were found by dividing a given statistic for all vehicles by the same statistic for free-flow. This was done by highway classification for, percent vehicles exceeding 55 mph, average speed, median speed, 85th percentile speed, percent exceeding 60 mph, and percent exceeding 65 mph. These factors are shown in Table 10.

The computation for the weighted statewide compliance level (Percent vehicles exceeding 55 mph) is shown in Table 11. Computation of statewide averages for the other statistics was done using the same technique and weighting factors. These averages were as follows:

Average Speed:	55.8
Median Speed:	55.2
85 Percentile:	60.5
Percent exceeding 60 mph:	19.2
Percent exceeding 65 mph:	3.8

These figures are all lower than the corresponding statistics for the previous quarter. The most notable values were to percent exceeding 55 mph. which dropped by 8.8 percentage points, and average speed dropped by 1.1 mph. Table 12 shows that both of these values are the lowest of any quarter during the past 3 1/2 years.

Table 10: Factors for Converting "Free-Flow" Data to Represent All Traffic

Highway Type \ Statistic	Percent Exceeding 55 mph	Average Speed	Median Speed	85th Percentile Speed	Percent Exceeding 60 mph	Percent Exceeding 65 mph
Interstate, Urban	.96	.99	1.00	1.00	1.01	.41
Interstate, Rural	1.05	1.00	1.00	1.01	1.06	1.11
4-Lane	.87	.99	.99	1.00	.92	.78
2-Lane, Rural	.78	.97	.97	.98	.79	.66

Table 11: Calculation of Weighted Statewide Compliance Level

Highway Type	Weighting Factor*	Percent Exceeding 55 mph - All Vehicles	(1) x (2)
	(1)	(2)	(3)
Interstate, Urban	.165	58.2	9.6
Interstate, Rural	.251	80.3	20.2
4-Lane	.170	47.9	8.1
2-Lane	.414	37.7	15.6
Statewide Weighted Percent Exceeding 55 mph			53.5

* Values from: FHWA, "Interim Speed Monitoring Procedures", Table 1.

Table 12: Statewide Weighted Averages from Past Reports

Report No.	Date	Statewide Weighted Percent Vehicles Exceeding 55 mph	Statewide Weighted Average Speed
110	July-September 1979	53.5	55.8
109	April-June 1979	62.3	56.9
108	January-March 1979	66.5	57.7
107	October-December 1978	68.9	57.9
106	July-September 1978	61.5	56.8
105	April-June 1978	66.0	57.6
104	January-March 1978	67.9	58.0
103	October-December 1977	69.9	58.3
102	July-September 1977	61.9	56.9
101	April-June 1977	65.8	57.6
100	January-March 1977	60.2	56.8
99	October-December 1976	59.1	56.7
98	July-September 1976	63.7	57.2
97	April-June 1976	57.1	56.2

Conclusions

The overall results indicate that the vehicle speeds on Indiana highways have been significantly lower during this quarter than they have been in the past. All the speed statistics were lower during this quarter than any of the most recent three quarters.

The average free flow speed of 56.7 mph represents a drop of 0.5 mph from the previous quarter. This value is 1.3 mph lower than during the January-March 1979 quarter and 1.6 mph lower than during the October-December 1978 quarter.

These changes were fairly uniform by both vehicle type and highway type. In addition, speeds were very similar for various vehicle types. The overall average speeds for passenger cars and heavy trucks are the same, while the average for light trucks is only 0.9 mph less. This consistency of speeds is uniform over the various highway classifications.

A comparison was made between the factors to convert "free-flow" data to represent all traffic with the same conversion factors determined during the last quarter. No pattern was found other than the observation that most of these factors are still very close to 1.0 inferring that most traffic in Indiana is free flow.

The statewide complience level of 53.5 mph is the lowest in the last three years. This value is well below the required yearly average at the end of September 30th, 1979. In addition, it is only slightly above the 50% complience level required by September 30th, 1981.

While the reasons can only be speculative, the statistics indicate that highway speeds in Indiana have decreased during this past year.

APPENDIX

TABLE A1 SPEED DATA

STATION RI-6 HIGHWAY I-65 LOCATION 7.5 miles north of SR 160

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Sunny

THIS OBSERVATION
DATE 8-16-79
TIME 9:47-10:30 a.m. NB
8:33-9:30 a.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 6-7-79, 6-13-79
TIME 8:19-8:50 a.m. NB
9:43-10:50 a.m. SB

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	242	250	184	96	58	154	181	173	68	71	113	102
AVE. SPEED (MPH)	60.60	59.17	60.80	58.75	59.80	59.44	58.80	58.25	58.10	57.13	59.20	59.03
STANDARD DEVIATION	4.708	4.350	4.895	3.992	4.002	4.552	4.445	4.966	4.620	5.811	4.305	4.135
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	.6	0	1.4	0	0
49 MPH	0	.8	0	0	0	1.3	1.7	2.9	2.9	4.2	.9	2.0
54 MPH	7.0	12.8	6.5	12.5	8.6	13.0	13.8	22.5	17.6	36.6	11.5	12.7
59 MPH	45.5	56.8	43.5	64.6	51.7	51.9	58.6	60.1	63.2	66.2	55.8	55.9
64 MPH	79.3	90.8	77.2	95.8	86.2	87.7	87.3	91.9	86.8	93.0	87.6	91.2
69 MPH	95.5	98.4	94.6	97.9	98.3	98.7	99.4	98.8	100.0	98.6	99.1	99.0
74 MPH	99.2	99.6	98.9	100.0	100.0	99.4	100.0	99.4	100.0	98.6	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	100.0	98.6	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	100.0	98.6	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	120	121	82	37	38	84	92	90	34	34	58	56
AVERAGE SPEED	60.80	58.66	61.20	58.54	59.80	58.71	59.10	58.61	59.20	56.97	59.00	59.61
DIRECTION SB												
NUMBER OF VEHICLES	122	129	102	59	20	70	89	83	34	37	55	46
AVERAGE SPEED	60.40	59.65	60.50	58.88	59.80	60.30	58.60	57.86	57.10	57.27	59.50	58.33

TABLE A2 SPEED DATA

STATION RI-21 HIGHWAY I-69 LOCATION 1.6 miles south of SR 18

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-22-79
TIME 1:12-2:04 p.m. NB
2:16-3:05 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 5-22-79
TIME 10:40-11:19 a.m. NB
11:40 a.m.-12:28 p.m. SB

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	271	276	169	189	102	87	155	158	31	52	124	106
AVE. SPEED (MPH)	59.50	58.82	59.20	59.02	59.90	58.37	59.10	58.75	58.40	57.94	59.20	59.15
STANDARD DEVIATION	4.099	4.482	4.051	4.746	4.167	3.834	5.104	5.191	4.417	5.101	5.265	5.213
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0			0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	.6	0	0	0	.9
49 MPH	0	.4	0	.5	0	0	4.5	5.7	0	7.7	5.6	4.7
54 MPH	8.9	15.2	8.3	14.3	9.8	17.2	18.1	15.2	22.6	17.3	16.9	14.2
59 MPH	56.8	61.2	59.8	61.9	52.0	59.8	52.3	55.1	67.7	65.4	48.4	50.0
64 MPH	87.5	91.3	88.2	89.4	86.3	95.4	87.1	87.3	87.1	90.4	87.1	85.8
69 MPH	97.8	97.5	97.6	96.8	98.0	98.9	99.4	99.4	100.0	100.0	99.2	99.1
74 MPH	99.6	99.3	100.0	98.9	99.0	100.0	99.4	100.0	100.0	100.0	99.2	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	139	133	87	91	52	42	74	86	9	28	65	58
AVERAGE SPEED	60.10	59.82	60.10	59.87	60.10	59.71	60.40	60.45	58.00	59.21	60.70	61.05
DIRECTION SB												
NUMBER OF VEHICLES	132	143	82	98	50	45	81	72	22	24	59	48
AVERAGE SPEED	58.80	57.88	58.40	58.23	59.60	57.11	57.80	56.72	58.50	56.46	57.60	56.85

TABLE A3 SPEED DATA

STATION RI-12 HIGHWAY I-74 LOCATION 0.1 miles west of Mile Marker 109

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Fog

THIS OBSERVATION
DATE 8-29-79
TIME 9:30-10:51 p.m. EB
8:00-9:30 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 8-31-78
TIME 11:08-12:24 EB
12:30-1:30 WB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	273	276	158	276	115	0	158	167	42	51	116	116
AVE. SPEED (MPH)	59.30	57.71	58.70	57.71	60.20	0	58.80	59.06	58.50	58.33	58.90	59.38
STANDARD DEVIATION	4.986	4.391	4.988	4.391	4.882	0	4.536	4.519	5.047	4.198	4.357	4.634
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0			0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	.6	0	0	0	.9
44 MPH	0	.4	0	.4	0	0	0	.6	0	0	0	.9
49 MPH	1.8	2.9	1.9	2.9	1.7	0	3.8	2.4	7.1	2.0	2.6	2.6
54 MPH	13.9	22.5	17.7	22.5	8.7	0	15.8	12.6	16.7	13.7	15.5	12.1
59 MPH	54.6	67.0	60.8	67.0	46.1	0	52.5	51.5	61.9	58.8	49.1	48.3
64 MPH	84.6	95.3	86.1	95.3	82.6	0	92.4	88.6	88.1	94.1	94.0	86.2
69 MPH	96.3	98.6	96.2	98.6	96.5	0	100.0	98.8	100.0	98.0	100.0	99.1
74 MPH	99.3	100.0	99.4	100.0	99.1	0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	134	122	82	122	52	0	82	104	20	23	62	81
AVERAGE SPEED	59.80	57.57	59.70	57.57	60.00	0	59.20	59.02	58.50	58.26	59.50	59.23
DIRECTION WB												
NUMBER OF VEHICLES	139	154	76	154	63	0	76	63	22	28	54	35
AVERAGE SPEED	58.90	57.82	57.60	57.82	60.30	0	58.30	59.13	58.60	58.39	58.20	59.71

TABLE A4 SPEED DATA

STATION RI-34 HIGHWAY I-65 LOCATION 1.3 miles north of SR 267

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 9-7-79
TIME 1:01-2:36 p.m. NB
9:44 a.m.-12:04 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 9-11-78
TIME 1:36-2:32 NB
2:44-3:53 SB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	269	264	173	146	96	118	159	165	50	72	109	93
AVE. SPEED (MPH)	60.80	58.59	60.40	58.69	61.50	58.46	60.70	58.59	61.20	57.39	60.40	59.52
STANDARD DEVIATION	4.353	4.467	4.267	4.450	4.437	4.504	4.812	4.601	3.842	4.692	5.195	4.330
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	-	-	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	.4	0	0	0	.8	0	.6	0	1.4	0	0
49 MPH	0	1.9	0	1.4	0	2.5	1.3	2.4	0	4.2	1.8	1.1
54 MPH	5.6	14.4	6.4	17.1	4.2	11.0	7.6	18.2	2.0	25.0	10.1	12.9
59 MPH	43.1	66.3	46.8	66.4	36.5	66.1	45.9	56.4	38.0	70.8	49.5	45.2
64 MPH	81.0	91.3	83.2	89.7	77.1	93.2	80.5	91.3	84.0	94.4	78.9	87.1
69 MPH	95.9	98.5	95.4	98.6	96.9	98.3	96.9	100.0	98.0	100.0	96.3	100.0
74 MPH	99.3	100.0	100.0	100.0	97.9	100.0	98.7	100.0	100.0	100.0	98.2	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	142	131	93	69	49	62	76	75	22	37	54	38
AVERAGE SPEED	61.80	58.26	61.30	58.16	62.70	58.37	61.80	57.91	62.50	58.10	61.50	57.82
DIRECTION SB												
NUMBER OF VEHICLES	127	133	80	77	47	56	83	90	28	35	55	55
AVERAGE SPEED	59.60	58.91	59.30	59.17	60.20	58.55	59.60	59.16	60.20	56.74	59.30	60.69

TABLE A5 SPEED DATA

STATION RI-C3 HIGHWAY I-64 LOCATION 1.7 miles west of SR 145

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 8-15-79
TIME 8:43-9:45 a.m. EB
9:58-11:25 a.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	262	0	84	0	178	0	164	0	63	0	101
AVE. SPEED (MPH)	0	59.82	0	60.04	0	59.71	0	60.09	0	58.48	0	61.10
STANDARD DEVIATION	0	5.229	0	5.029	0	5.332	0	5.135	0	4.461	0	5.289
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0		0	0	0		0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	0	1.5	0	2.4	0	1.1	0	1.2	0	0	0	2.0
54 MPH	0	14.1	0	9.5	0	16.3	0	9.8	0	12.7	0	7.9
59 MPH	0	51.1	0	51.2	0	51.1	0	49.4	0	66.7	0	38.6
64 MPH	0	82.8	0	83.3	0	82.6	0	79.9	0	88.9	0	74.3
69 MPH	0	95.0	0	96.4	0	94.4	0	95.7	0	98.4	0	94.1
74 MPH	0	98.5	0	98.8	0	98.3	0	99.4	0	100.0	0	99.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	127	0	49	0	78	0	84	0	29	0	55
AVERAGE SPEED	0	59.72	0	59.59	0	59.79	0	60.52	0	59.10	0	61.27
DIRECTION WB												
NUMBER OF VEHICLES	0	135	0	35	0	100	0	80	0	34	0	46
AVERAGE SPEED	0	59.91	0	60.66	0	59.65	0	59.64	0	57.94	0	60.89

TABLE A6 SPEED DATA

STATION RI-04 HIGHWAY I-64 LOCATION 4.7 miles west of Corydon Rd.-SR 135

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Clear

THIS OBSERVATION
DATE 8-15-79
TIME 1:03-2:06 p.m. EB
3:04-4:03 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	277	0	84	0	193	0	149	0	60	0	89
AVE. SPEED (MPH)	0	58.91	0	58.54	0	59.07	0	57.93	0	58.43	0	57.60
STANDARD DEVIATION	0	4.811	0	4.997	0	4.731	0	5.836	0	5.030	0	6.328
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0		0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	1.3	0	0	0	2.2
39 MPH	0	0	0	0	0	0	0	1.3	0	0	0	2.2
44 MPH	0	.7	0	1.2	0	.5	0	2.0	0	0	0	3.4
49 MPH	0	2.2	0	3.6	0	1.6	0	4.7	0	1.7	0	6.7
54 MPH	0	15.2	0	15.5	0	15.0	0	19.5	0	16.7	0	21.3
59 MPH	0	59.2	0	58.3	0	59.6	0	59.7	0	58.3	0	60.7
64 MPH	0	88.1	0	88.1	0	88.1	0	91.3	0	91.7	0	91.0
69 MPH	0	97.1	0	97.6	0	96.9	0	98.0	0	95.0	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH		100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	136	0	36	0	100	0	77	0	30	0	47
AVERAGE SPEED	0	59.07	0	59.89	0	58.78	0	57.19	0	59.7		56.70
DIRECTION WB												
NUMBER OF VEHICLES	0	141	0	48	0	93	0	72	0	30	0	42
AVERAGE SPEED	0	58.74	0	57.52	0	59.38	0	58.72	0	57.80	0	59.38

TABLE A7 SPEED DATA

STATION RI-11 HIGHWAY I-74 LOCATION 15.7 miles east of SR 44

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Hazy

THIS OBSERVATION
DATE 8-27-79
TIME 11:22 a.m.-2:33 p.m. EB
2:37-3:50 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	252	0	143	0	109	0	182	0	72	0	110
AVE. SPEED (MPH)	0	58.42	0	58.29	0	58.58	0	58.11	0	58.01	0	58.17
STANDARD DEVIATION	0	4.256	0	4.282	0	4.237	0	4.045	0	4.144	0	3.997
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0			0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	0	0	0	0	0
49 MPH	0	.4	0	0	0	.9	0	1.6	0	0	0	2.7
54 MPH	0	18.7	0	19.6	0	17.4	0	18.7	0	20.8	0	17.3
59 MPH	0	61.1	0	61.5	0	60.6	0	63.7	0	68.1	0	60.9
64 MPH	0	91.7	0	90.9	0	92.7	0	94.0	0	93.1	0	94.5
69 MPH	0	99.2	0	99.3	0	99.1	0	99.5	0	98.6	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0		100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	121	0	75	0	46	0	91	0	25	0	66
AVERAGE SPEED	0	57.96	0	58.03	0	57.85	0	56.97	0	56.84	0	57.02
DIRECTION WB												
NUMBER OF VEHICLES	0	131	0	68	0	63	0	91	0	47	0	44
AVERAGE SPEED	0	58.84	0	58.59	0	59.11	0	59.25	0	58.64	0	59.91

TABLE A8 SPEED DATA

STATION RI-35 HIGHWAY I-74 LOCATION 1.0 miles east of SR 39

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 8-20-79
TIME 9:54-11:15 a.m. EB
12:21-1:43 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	287	0	161	0	126	0	156	0	75	0	81
AVE. SPEED (MPH)	0	58.70	0	58.47	0	58.99	0	58.50	0	58.60	0	58.41
STANDARD DEVIATION	0	4.423	0	4.872	0	3.770	0	5.033	0	5.380	0	4.722
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	[illegible]	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	.3	0	1.3	0	1.2
49 MPH	0	.7	0	1.2	0	0	0	3.2	0	1.3	0	4.9
54 MPH	0	16.4	0	18.6	0	13.5	0	20.5	0	22.7	0	18.5
59 MPH	0	62.4	0	65.2	0	58.7	0	52.6	0	58.7	0	46.9
64 MPH	0	92.7	0	91.3	0	94.4	0	91.0	0	86.7	0	95.1
69 MPH	0	96.9	0	95.7	0	98.4	0	98.7	0	97.3	0	100.0
74 MPH	0	99.7	0	99.4	0	100.0	0	99.4	0	98.7	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	150	0	99	0	51	0	74	0	30	0	44
AVERAGE SPEED	0	58.93	0	58.53	0	59.73	0	58.80	0	57.67	0	59.57
DIRECTION WB												
NUMBER OF VEHICLES		137		62	0	75	0	82	0	45		37
AVERAGE SPEED	0	58.44	0	58.37	0	58.49	0	58.23	0	59.22	0	57.03

TABLE A9 SPEED DATA

STATION 4L-17 HIGHWAY US 52 LOCATION 150 feet East County Road 475W

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-2-79
TIME 10:11-11:30 a.m. EB
12:11-1:32 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 5-14-79
TIME 9:17-10:45 a.m. EB
1:20-2:48 p.m. WB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	272	305	245	264	27	41	150	148	84	95	66	53
AVE. SPEED (MPH)	56.10	55.16	56.00	55.38	57.00	53.73	54.50	55.24	54.40	55.12	54.60	55.45
STANDARD DEVIATION	5.409	5.413	5.414	5.378	5.367	5.486	6.471	6.279	5.324	5.939	7.732	6.899
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	.7	0	0	0	1.5	0
34 MPH	0	.3	0	.4	0	0	.7	0	0	0	1.5	0
39 MPH	0	.3	0	.4	0	0	3.3	0	1.2	0	6.1	0
44 MPH	1.5	3.3	1.6	2.7	0	7.3	6.0	4.1	4.8	2.1	7.6	7.5
49 MPH	13.2	15.4	13.5	14.4	11.1	22.0	15.3	11.5	17.9	10.5	12.1	13.2
54 MPH	35.3	39.7	36.7	38.3	22.2	48.8	45.3	43.9	41.7	45.3	50.0	41.5
59 MPH	74.3	83.0	75.1	81.8	66.7	90.2	81.3	81.8	86.9	86.3	74.2	73.6
64 MPH	96.7	95.7	96.7	95.5	96.3	97.6	96.7	92.6	97.6	93.7	95.5	90.6
69 MPH	99.3	99.3	99.2	99.2	100.0	100.0	99.3	98.0	100.0	96.8	98.5	100.0
74 MPH	99.3	100.0	99.2	100.0	100.0	100.0	100.0	99.3	100.0	98.9	100.0	100.0
79 MPH	99.3	100.0	99.2	100.0	100.0	100.0	100.0	99.3	100.0	98.9	100.0	100.0
84 MPH	99.6	100.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	135	154	123	130	12	24	76	76	42	49	34	27
AVERAGE SPEED	56.80	55.71	56.90	56.02	56.30	54.08	54.80	55.78	54.80	55.67	54.70	55.96
DIRECTION WB												
NUMBER OF VEHICLES	137	151	122	134	15	17	74	72	42	46	32	26
AVERAGE SPEED	55.40	54.60	55.10	54.77	57.70	53.24	54.20	54.67	54.00	54.52	54.50	54.92

TABLE A10 SPEED DATA

STATION 4L-32 HIGHWAY US 30 LOCATION 2.9 miles west of Wanatah City Limit Sign

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 8-17-79
TIME 11:39 a.m.-12:31 p.m. EB
10:37-11:30 a.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 5-17-79
TIME 1:57-3:05 p.m. EB
10:53 a.m.-12:15 p.m. WB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	215	245	161	150	54	95	220	187	43	75	177	112
AVE. SPEED (MPH)	57.40	58.03	57.30	57.47	57.90	58.93	56.70	56.96	57.00	56.48	56.60	57.29
STANDARD DEVIATION	5.005	5.164	5.209	5.241	4.346	4.936	5.017	4.096	5.916	4.091	4.788	4.086
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	.4	0	.7	0	0	.5	0	2.3	0	0	0
44 MPH	.9	1.6	1.2	2.0	0	1.1	2.3	1.1	2.3	2.7	2.3	0
49 MPH	6.0	5.3	7.5	6.7	1.9	3.2	7.3	3.7	7.0	4.0	7.3	3.6
54 MPH	23.3	21.2	25.5	23.3	16.7	17.9	27.3	24.1	27.9	28.0	27.1	21.4
59 MPH	70.7	60.0	66.5	66.0	83.3	50.5	74.1	75.9	74.4	80.0	74.0	73.2
64 MPH	94.9	92.2	94.4	92.7	96.3	91.6	94.1	97.9	90.7	100.0	94.9	96.4
69 MPH	97.7	98.4	98.1	98.7	96.3	97.9	99.5	100.0	97.7	100.0	100.0	100.0
74 MPH	99.1	99.6	99.4	100.0	98.1	98.9	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	105	127	81	73	24	54	104	87	25	31	79	56
AVERAGE SPEED	56.90	58.13	56.90	56.99	57.00	59.69	57.20	57.91	57.20	57.26	57.20	58.27
DIRECTION WB												
NUMBER OF VEHICLES	110	118	80	77	30	41	116	100	18	44	98	56
AVERAGE SPEED	58.00	57.92	57.70	57.92	58.70	57.93	56.20	56.14	56.70	55.93	56.10	56.30

TABLE All SPEED DATA

STATION 4L-20 HIGHWAY US 41 LOCATION 1.1 miles north of SR 2

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 9-5-79
TIME 10:30 a.m.-12:22 p.m. NB
12:35-1:56 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 8-3-78
TIME 10:07-11:21 a.m. NB
12:26-1:33 p.m. SB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	266	231	188	103	78	128	174	195	55	80	119	115
AVE. SPEED (MPH)	56.70	56.59	56.30	56.53	57.80	56.63	53.50	55.92	55.90	55.85	52.50	55.97
STANDARD DEVIATION	6.239	5.106	6.319	4.990	5.939	5.216	6.339	6.658	6.603	5.695	5.927	7.278
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	.6	1.5	0	0	.8	2.6
39 MPH	1.5	0	1.1	[illegible]	2.6	0	2.3	3.1	0	1.3	3.4	4.3
44 MPH	3.4	0	3.7	0	2.6	0	6.9	3.6	7.3	2.5	6.7	4.3
49 MPH	9.8	6.1	11.7	5.8	5.1	6.3	23.6	11.8	14.6	11.3	27.7	12.2
54 MPH	35.0	38.1	38.3	38.8	26.9	37.5	55.2	40.5	41.8	42.5	61.3	39.1
59 MPH	69.2	74.5	70.7	71.8	65.4	76.6	82.2	73.3	69.1	77.5	88.2	70.4
64 MPH	90.6	91.3	91.0	91.3	89.7	91.4	96.0	89.7	89.1	91.3	99.2	88.7
69 MPH	97.4	99.1	98.4	99.0	94.9	99.2	100.0	99.5	100.0	98.8	100.0	100.0
74 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	138	120	100	59	38	61	92	93	32	46	60	47
AVERAGE SPEED	57.20	55.27	56.70	55.44	58.50	55.10	52.60	52.80	55.20	53.26	51.30	52.34
DIRECTION SB												
NUMBER OF VEHICLES	128	111	88	44	40	67	82	102	23	34	59	68
AVERAGE SPEED	56.20	58.02	55.80	58.00	57.20	58.03	54.60	58.76	56.90	59.35	53.60	58.47

TABLE A12 SPEED DATA

STATION 4L-21 HIGHWAY US 31 LOCATION 1.1 miles south of SR 38

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-10-79
TIME 11:02-11:52 a.m. NB
10:26-10:59 a.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 8-25-78
TIME 11:46 a.m.-12:33 p.m. NB
10:48-11:34 a.m. SB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	290	298	290	281	0	17	140	125	67	55	73	70
AVE. SPEED (MPH)	58.00	56.58	58.00	56.57	0	56.76	56.80	55.91	57.00	55.58	56.60	56.17
STANDARD DEVIATION	4.377	4.379	4.377	4.435	0	3.419	5.457	4.721	5.120	4.058	5.778	5.197
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	.8	0	0	0	1.4
39 MPH	0	0	0	0	0	0	.7	.8	0	0	1.4	1.4
44 MPH	0	1.0	0	1.1	0	0	2.9	1.6	1.5	0	4.1	2.9
49 MPH	3.1	4.0	3.1	4.3	0	0	7.1	8.0	6.0	5.5	8.2	10.0
54 MPH	20.0	29.5	20.0	29.9	0	23.5	27.9	33.6	25.4	40.0	30.1	28.6
59 MPH	67.2	76.5	67.2	75.8	0	88.2	69.3	79.2	73.1	83.6	65.8	75.7
64 MPH	91.4	96.0	91.4	96.1	0	94.1	92.9	98.4	91.0	98.2	94.5	98.6
69 MPH	99.3	100.0	99.3	100.0	0	100.0	99.3	99.2	100.0	100.0	98.6	98.6
74 MPH	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	138	147	138	141	0	6	72	67	34	25	38	42
AVERAGE SPEED	58.50	56.69	58.50	56.7	0	56.50	57.70	55.46	57.50	55.80	57.90	55.26
DIRECTION SB												
NUMBER OF VEHICLES	152	151	152	140	0	11	68	58	33	30	35	28
AVERAGE SPEED	57.60	56.48	57.60	56.44	0	56.91	55.80	56.43	56.50	55.40	55.20	57.54

TABLE A13 SPEED DATA

STATION 4L-3 HIGHWAY US 41 LOCATION 1.7 miles south of SR 54 East

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Partly Cloudy

THIS OBSERVATION
DATE 8-13-79
TIME 1:20-2:25 p.m. NB
11:50 a.m.-1:03 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	256	0	182	0	74	0	171	0	97	0	74
AVE. SPEED (MPH)	0	57.12	0	57.09	0	57.20	0	56.33	0	55.82	0	56.99
STANDARD DEVIATION		4.536	0	4.463	0	4.743	0	5.773	0	5.970	0	5.473
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0		0	0	0		0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	0	0	0	0	0	0	2.9	0	5.2	0	0
49 MPH	0	4.3	0	5.5	0	1.4	0	14.0	0	15.5	0	12.2
54 MPH	0	25.4	0	25.3	0	25.7	0	33.3	0	35.1	0	31.1
59 MPH	0	73.4	0	73.6	0	73.0	0	71.9	0	76.3	0	66.2
64 MPH	0	93.8	0	94.[illegible]	0	93.2	0	93.6	0	94.8	0	91.9
69 MPH	0	99.6	0	100.0	0	98.6	0	99.4	0	99.0	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH		100.0		100.[illegible]	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	127	0	95	0	32	0	85	0	50	0	35
AVERAGE SPEED	0	57.51	0	57.47	0	57.63	0	55.67	0	55.28	0	56.23
DIRECTION SB												
NUMBER OF VEHICLES		129	0	87	0	42	0	86	0	47	0	39
AVERAGE SPEED	0	56.74	0	56.67	0	56.88	0	56.98	0	56.40	0	57.67

TABLE A14 SPEED DATA

STATION 4L-14 HIGHWAY US 40 LOCATION 0.9 miles east of Cumberland City Limit Sign

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Sunny, Hazy

THIS OBSERVATION
DATE 9-11-79, 9-12-79
TIME 10:30 a.m.-1:15 p.m. EB
10:35-11:54 a.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	320	0	177	0	143	0	139	0	88	0	51
AVE. SPEED (MPH)	0	52.81	0	52.91	0	52.69	0	52.43	0	53.25	0	51.52
STANDARD DEVIATION	0	5.078	0	5.043	0	5.136	0	5.301	0	5.136	0	5.335
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	[illegible]	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	.9	0	1.1	0	.7	0	.7	0	0	0	2.0
44 MPH	0	5.6	0	6.2	0	4.9	0	7.9	0	4.5	0	13.7
49 MPH	0	23.4	0	20.3	0	27.3	0	30.2	0	26.1	0	37.3
54 MPH	0	61.9	0	61.[illegible]	0	62.9	0	61.9	0	56.8	0	70.6
59 MPH	0	91.6	0	92.1	0	90.9	0	90.6	0	89.8	0	92.2
64 MPH	0	99.4	0	100.0	0	98.6	0	99.3	0	98.9	0	100.0
69 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH		100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	161	0	65	0	96	0	82	0	57	0	25
AVERAGE SPEED	0	52.62	0	53.32	0	52.15	0	53.00	0	53.70	0	51.40
DIRECTION WB												
NUMBER OF VEHICLES		159	0	112	0	47	0	57	0	31	0	26
AVERAGE SPEED	0	53.01	0	52.67	0	53.81	0	51.61	0	52.42	0	50.65

TABLE A15 SPEED DATA

STATION 41-22 HIGHWAY US 31 LOCATION 2.9 miles south of SR 26

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-9-79
TIME 12:03-1:19 p.m. NB
9:50-11:15 a.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 8-15-78
TIME 8:23-9:25 p.m. NB
9:30-10:45 p.m. SB

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	311	0	292	0	19	0	135	0	45	0	90
AVE. SPEED (MPH)	0	58.22	0	58.24	0	57.95	0	57.81	0	56.27	0	58.59
STANDARD DEVIATION	0	4.944	0	4.870	0	6.123	0	5.477	0	4.530	0	5.763
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	.7	0	0	0	1.1
44 MPH	0	0	0	0	0	0	0	1.5	0	2.2	0	1.1
49 MPH	0	3.2	0	3.4	0	0	0	7.4	0	11.1	0	5.6
54 MPH	0	18.6	0	18.2	0	26.3	0	23.7	0	26.7	0	22.2
59 MPH	0	66.2	0	65.4	0	78.9	0	59.3	0	75.6	0	51.1
64 MPH	0	92.3	0	92.5	0	89.5	0	91.9	0	97.8	0	88.9
69 MPH	0	97.1	0	97.6	0	89.5	0	97.0	0	100.0	0	95.6
74 MPH	0	99.4	0	99.3	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	99.7	0	99.7	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	147	0	137	0	10	0	68	0	20	0	48
AVERAGE SPEED	0	59.30	0	59.28	0	59.60	0	59.21	0	56.95	0	60.15
DIRECTION SB												
NUMBER OF VEHICLES	0	164	0	155	0	9	0	67	0	25	0	42
AVERAGE SPEED	0	57.26	0	57.32	0	56.11	0	56.40	0	55.72	0	56.81

TABLE A16 SPEED DATA

STATION 4L-23 HIGHWAY US 31 LOCATION 0.75 miles north of SR 18

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-9-79
TIME 8:25-9:20 p.m. NB
9:25-10:41 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	0	305	0	305	0	0	0	150	0	73	0	77
AVE. SPEED (MPH)	0	54.94	0	54.94	0	0	0	54.95	0	53.77	0	56.06
STANDARD DEVIATION	0	4.934	0	4.934	0	0	0	4.644	0	4.211	0	4.783
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0			0	0	0		0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	.3	0	.3	0	0	0	.7	0	1.4	0	0
44 MPH	0	2.6	0	2.6	0	0	0	.7	0	1.4	0	0
49 MPH	0	11.8	0	11.8	0	0	0	12.7	0	13.7	0	11.7
54 MPH	0	44.3	0	44.3	0	0	0	42.0	0	49.3	0	35.1
59 MPH	0	84.9	0	84.9	0	0	0	86.7	0	93.2	0	80.5
64 MPH	0	98.4	0	98.4	0	0	0	96.7	0	100.0	0	93.5
69 MPH	0	99.3	0	99.3	0	0	0	100.0	0	100.0	0	100.0
74 MPH	0	100.0	0	100.0	0	0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	0	0	100.0	0	100.0	0	100.0
84 MPH		100.0	0	100.0	0	0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	181	0	181	0	0	0	63	0	38	0	25
AVERAGE SPEED	0	55.18	0	55.18	0	0	0	56.40	0	55.00	0	58.52
DIRECTION SB												
NUMBER OF VEHICLES	0	124	0	124	0	0	0	87	0	35	0	52
AVERAGE SPEED	0	54.60	0	54.60	0	0	0	53.90	0	52.43	0	54.88

TABLE A17 SPEED DATA

STATION 2L-18 HIGHWAY US 35 LOCATION About 300 yds. west of reg. location which is 2.5 mi. east of I-64. Cleo Glass Residence.

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 8-22-79
TIME 10:33 a.m.-12:36 p.m.

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 5-22-79
TIME 1:35-3:06 p.m.

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	276	243	219	218	57	25	148	202	57	86	91	116
AVE. SPEED (MPH)	56.50	56.99	56.30	57.15	57.30	55.56	55.70	55.79	56.60	55.62	55.10	55.92
STANDARD DEVIATION	4.563	5.363	4.466	5.370	4.875	5.189	5.399	5.132	6.234	5.336	4.755	4.994
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	.4	0	.5		0	0	1.4	2.0	1.8	2.3	1.1	1.7
44 MPH	.7	.8	.9	.5	0	4.0	2.7	2.5	1.8	2.3	3.3	2.6
49 MPH	3.6	5.8	3.7	5.5	3.5	8.0	10.1	5.9	8.8	7.0	11.0	5.2
54 MPH	30.4	30.5	31.5	28.4	26.3	48.0	35.1	39.6	35.1	43.0	35.2	37.1
59 MPH	77.9	75.3	79.9	73.9	70.2	88.0	81.8	77.2	77.2	74.4	84.6	79.3
64 MPH	96.0	93.8	96.3	94.0	94.7	92.0	93.2	96.0	84.2	97.7	98.9	94.8
69 MPH	99.3	98.4	99.5	98.2	98.2	100.0	99.3	99.5	98.2	100.0	100.0	99.1
74 MPH	99.6	99.2	99.5	99.1	100.0	100.0	99.3	100.0	98.2	100.0	100.0	100.0
79 MPH	100.0	99.6	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	99.6	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	99.6	100.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	139	130	116	119	33	11	72	99	24	43	48	56
AVERAGE SPEED	56.50	56.53	56.10	56.78	57.80	53.82	55.30	55.98	55.40	56.49	55.30	55.59
DIRECTION WB												
NUMBER OF VEHICLES	137	113	113	99	24	14	76	103	33	43	43	60
AVERAGE SPEED	56.60	57.51	56.50	57.60	56.70	56.93	56.00	55.61	57.40	54.74	55.00	56.23

TABLE A18 SPEED DATA

STATION 2L-54 HIGHWAY US 231 LOCATION 1.1 miles south of SR 234

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Partly Cloudy

THIS OBSERVATION
DATE 9-6-79, 9-7-79
TIME 7:51 p.m.-1:40 a.m.

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 5-15-79
TIME 9:52 a.m.-3:15 p.m.

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	245	282	231	282	14	0	196	153	89	71	107	82
AVE. SPEED (MPH)	57.00	56.19	57.00	56.19	57.40	0	56.20	55.78	56.10	54.14	56.40	57.21
STANDARD DEVIATION	5.451	5.844	5.411	5.844	6.283	0	5.835	5.604	6.198	5.775	5.541	5.069
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0		0	0	0	0	0	0	0	0
39 MPH	.4	.4	.4	.4	0	0	.5	.7	1.1	1.4	0	0
44 MPH	1.6	.7	1.7	.7	0	0	3.6	2.0	2.2	4.2	4.7	0
49 MPH	6.9	7.1	6.9	7.1	7.1	0	10.7	12.4	10.1	19.7	11.2	6.1
54 MPH	30.6	41.1	30.3	41.1	35.7	0	36.2	39.2	39.3	53.5	33.6	26.8
59 MPH	68.2	76.6	68.4	76.6	64.3	0	74.5	75.8	76.4	83.1	72.9	69.5
64 MPH	91.8	91.8	92.2	91.8	85.7	0	92.9	95.4	91.0	97.2	94.4	93.9
69 MPH	98.4	96.8	98.3	96.8	100.0	0	99.0	100.0	97.8	100.0	100.0	100.0
74 MPH	100.0	99.6	100.0	99.6	100.0	0	99.5	100.0	98.9	100.0	100.0	100.0
79 MPH	100.0	99.6	100.0	99.6	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	106	137	103	137	3	0	108	63	44	22	64	41
AVERAGE SPEED	57.00	56.74	57.10	56.74	53.30	0	56.20	54.70	56.10	53.09	56.30	55.56
DIRECTION SB												
NUMBER OF VEHICLES	139	145	128	145	11	0	88	90	45	49	43	41
AVERAGE SPEED	57.10	55.67	57.00	55.67	58.50	0	56.30	56.54	56.10	54.61	56.50	58.85

TABLE A19 SPEED DATA

STATION 2L-79 HIGHWAY SR 25 LOCATION 0.7 miles south of Americus

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS CESERVATICN
DATE 8-3-79
TIME 11:00 a.m.-12:59 p.m.

LAST PREVICUS OBSERVATION (SPEED REPORT NO. 106)
DATE 9-7-78
TIME 9:14-12:15 p.m.

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
CESERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	387	278	387	261	0	17	82	156	61	76	21	80
AVE. SPEED (MPH)	54.80	55.79	54.80	55.80	0	55.59	52.30	53.63	52.60	54.04	51.50	53.25
STANDARD DEVIATION	5.919	5.792	5.919	5.804	0	5.778	5.356	5.138	5.359	4.954	5.400	5.359
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	.8	0	.8	0	0	0	1.2	.6	1.6	0	0	1.3
44 MPH	2.1	1.1	2.1	.8	0	5.9	8.5	2.6	6.6	0	14.3	5.0
49 MPH	14.7	9.4	14.7	8.8	0	17.6	25.6	20.5	24.6	19.7	28.6	21.3
54 MPH	50.7	40.6	50.7	41.0	0	35.3	70.7	50.2	70.5	51.3	71.4	55.0
59 MPH	86.1	83.1	86.1	83.1	0	82.4	90.2	87.2	88.5	86.8	95.2	87.5
64 MPH	94.8	95.0	94.8	94.6	0	100.0	98.8	97.4	98.4	96.1	100.0	98.8
69 MPH	97.4	98.6	97.4	98.5	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
74 MPH	98.4	98.9	98.4	98.9	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	99.5	99.3	99.5	99.2	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	99.3	100.0	99.2	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	99.6	100.0	99.6	0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	225	142	225	13	0	12	38	72	23	33	15	39
AVERAGE SPEED	54.50	55.89	54.50	55.92	0	55.67	52.30	53.78	52.40	53.33	52.30	54.15
DIRECTION SB												
NUMBER OF VEHICLES	162	136	162	131	0	5	44	84	38	43	6	41
AVERAGE SPEED	55.20	55.68	55.20	55.69	0	55.40	52.30	53.51	52.70	54.58	49.70	52.39

TABLE A20 SPEED DATA

STATION 2L-91 HIGHWAY SR 43 LOCATION 2 miles south of Chalmers

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 8-6-79
TIME 10:46 a.m.-12:51 p.m.

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 8-4-78
TIME 8:54-11:18 a.m.

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	289	262	258	255	31	7	143	156	75	77	68	79
AVE. SPEED (MPH)	57.00	56.61	56.90	56.56	58.30	58.43	55.10	56.17	55.10	56.44	55.20	55.91
STANDARD DEVIATION	6.185	5.514	6.220	5.552	5.831	3.645	6.292	5.305	6.756	4.988	5.786	5.616
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	.4	0	.4	0	0	0	0	0	0	0	0	0
34 MPH	.4	.4	.4	.4	0	0	0	0	0	0	0	0
39 MPH	1.0	.4	1.2	.4	0	0	0	1.3	0	0	0	2.5
PERCENT 44 MPH	2.8	.8	3.1	.8	0	0	2.1	2.6	2.7	0	1.5	5.1
OF 49 MPH	8.0	5.7	8.1	5.9	6.4	0	16.8	8.3	20.0	6.5	13.2	10.1
VEHICLES 54 MPH	29.4	36.6	29.5	36.9	29.0	28.6	46.2	34.6	45.3	35.1	47.1	34.2
TRAVELING 59 MPH	69.9	77.5	70.5	78.4	64.5	42.9	76.2	76.9	76.0	77.9	76.5	75.9
AT OR 64 MPH	91.3	89.7	92.3	89.4	83.9	100.0	94.4	92.9	93.3	88.3	95.6	97.5
LESS THAN 69 MPH	96.9	97.3	96.9	97.3	96.8	100.0	97.2	98.1	96.0	97.4	98.5	98.7
74 MPH	98.6	99.2	98.4	99.2	100.0	100.0	99.3	100.0	98.7	100.0	100.0	100.0
79 MPH	100.0	99.6	100.0	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	150	133	132	131	18	2	69	77	36	34	33	43
AVERAGE SPEED	56.60	56.29	56.50	56.31	57.20	55.50	55.10	55.62	54.20	56.29	56.10	55.79
DIRECTION SB												
NUMBER OF VEHICLES	139	129	126	124	13	5	74	79	39	43	35	36
AVERAGE SPEED	57.40	56.95	57.20	56.84	59.70	59.60	55.20	56.71	55.90	56.56	54.30	56.89

TABLE A21 SPEED DATA

STATION 21-6 HIGHWAY SR 39 LOCATION 1.65 miles south of SR 47

NO. OF LANES 2 TYPE OF SURFACE Concrete WEATHER Hazy

THIS OBSERVATION
DATE 9-17-79
TIME 9:46 a.m.-12:34 p.m.

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	262	0	211	0	51	0	177	0	124	0	53
AVE. SPEED (MPH)	0	55.62	0	55.44	0	56.39	0	55.05	0	55.01	0	55.15
STANDARD DEVIATION	0	5.835	0	5.931	0	5.408	0	5.712	0	5.994	0	5.044
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0		0	0	0		0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	1.1	0	.9	0	2.0	0	0	0	0	0	0
44 MPH	0	1.9	0	1.9	0	2.0	0	1.1	0	.8	0	1.9
49 MPH	0	11.8	0	13.3	0	5.9	0	14.1	0	14.5	0	13.2
54 MPH	0	42.4	0	44.1	0	35.3	0	46.9	0	50.0	0	39.6
59 MPH	0	76.0	0	75.8	0	76.5	0	80.8	0	79.8	0	83.0
64 MPH	0	93.1	0	93.4	0	92.2	0	94.9	0	93.5	0	98.1
69 MPH	0	98.1	0	98.1	0	98.0	0	98.3	0	97.6	0	100.0
74 MPH	0	99.6	0	99.5	0	100.0	0	99.4	0	99.2	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES		135	0	112	0	23	0	87	0	55	0	32
AVERAGE SPEED	0	55.58	0	55.26	0	57.13	0	54.94	0	55.04	0	54.78
DIRECTION SB												
NUMBER OF VEHICLES	0	127	0	99	0	28	0	90	0	69	0	21
AVERAGE SPEED	0	55.67	0	55.64	0	55.79	0	55.16	0	54.99	0	55.71

TABLE A22 SPEED DATA

STATION 2L-13 HIGHWAY SR 64 LOCATION 2.05 miles east of SR 37

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-14-79
TIME 8:45 a.m.-1:35 p.m.

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	207	0	180	0	27	0	222	0	123	0	99
AVE. SPEED (MPH)	0	55.08	0	54.92	0	56.11	0	53.93	0	53.96	0	53.90
STANDARD DEVIATION		6.169	0	6.229	0	5.753	0	6.693	0	6.739	0	6.669
24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	.5	0	.6	0	0	0	.5	0	.8	0	0
39 MPH	0	1.0	0	.6	0	3.7	0	1.4	0	1.6	0	1.0
PERCENT 44 MPH	0	4.8	0	5.0	0	3.7	0	7.7	0	8.1	0	7.1
OF 49 MPH	0	16.4	0	17.8	0	7.4	0	24.3	0	19.5	0	30.3
VEHICLES 54 MPH	0	42.0	0	42.8	0	37.0	0	53.6	0	54.5	0	52.5
TRAVELING 59 MPH	0	81.6	0	81.7	0	81.5	0	82.0	0	82.9	0	80.8
AT OR 64 MPH	0	92.8	0	93.3	0	88.9	0	95.0	0	95.1	0	94.9
LESS THAN 69 MPH	0	98.6	0	98.9	0	96.3	0	98.2	0	96.7	0	100.0
74 MPH	0	99.0	0	98.9	0	100.0	0	99.5	0	99.2	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH		100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	106	0	94	0	12	0	109	0	65	0	44
AVERAGE SPEED	0	53.87	0	53.69	0	55.25	0	54.58	0	54.29	0	55.00
DIRECTION WB												
NUMBER OF VEHICLES	0	101	0	86	0	15	0	113	0	58	0	55
AVERAGE SPEED	0	56.35	0	56.27	0	56.80	0	53.31	0	53.59	0	53.02

TABLE A23 SPEED DATA

STATION 2L-66 HIGHWAY US 35 LOCATION 2.6 miles south of Winamac City Limit Sign

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-8-79
TIME 10:08 a.m.-1:32 p.m.

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	255	0	234	0	21	0	185	0	92	0	93
AVE. SPEED (MPH)	0	54.83	0	54.73	0	56.00	0	54.70	0	53.88	0	55.52
STANDARD DEVIATION		5.295	0	5.327	0	4.889	0	5.888	0	6.146	0	5.534
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	.4	0	.4	0	0	0	1.1	0	2.2	0	0
44 MPH	0	5.1	0	5.6	0	0	0	8.1	0	12.0	0	4.3
49 MPH	0	12.9	0	13.7	0	4.8	0	16.2	0	19.6	0	12.9
54 MPH	0	44.7	0	45.3	0	38.1	0	44.9	0	47.8	0	41.9
59 MPH	0	83.1	0	83.3	0	81.0	0	77.8	0	84.8	0	71.0
64 MPH	0	97.3	0	97.4	0	95.2	0	97.3	0	96.7	0	97.8
69 MPH	0	99.6	0	99.6	0	100.0	0	100.0	0	100.0	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	121	0	112	0	9	0	95	0	51	0	44
AVERAGE SPEED		55.40	0	55.29	0	56.78	0	54.76	0	54.78	0	54.73
DIRECTION SB												
NUMBER OF VEHICLES	0	134	0	122	0	12	0	90	0	41	0	49
AVERAGE SPEED	0	54.31	0	54.20	0	55.42	0	54.64	0	52.76	0	56.22

TABLE A24 SPEED DATA

STATION 2L-86 HIGHWAY US 41 LOCATION 5.25 miles north of west bank Wabash River

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Partly Cloudy (8-24-79)
Hazy (9-18-79)

THIS OBSERVATION
DATE 8-24-79, 9-18-79
TIME 8:54 a.m.-3:30 p.m. (8-24-79)
10:01 a.m.-1:13 p.m. (9-18-79)

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	247	0	186	0	61	0	175	0	103	0	72
AVE. SPEED (MPH)	0	55.03	0	54.77	0	55.80	0	53.92	0	52.83	0	55.49
STANDARD DEVIATION	0	5.661	0	5.785	0	5.237	0	6.109	0	5.776	0	6.269
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0		0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	1.1	0	1.9	0	0
44 MPH	0	2.4	0	3.2	0	0	0	10.3	0	11.7	0	8.3
49 MPH	0	15.8	0	17.2	0	11.5	0	20.6	0	23.3	0	16.7
54 MPH	0	42.9	0	44.6	0	37.7	0	50.3	0	59.2	0	37.5
59 MPH	0	79.8	0	81.2	0	75.4	0	82.9	0	90.3	0	72.2
64 MPH	0	94.3	0	93.5	0	96.7	0	97.1	0	99.0	0	94.4
69 MPH	0	99.6	0	99.5	0	100.0	0	100.0	0	100.0	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	118	0	101	0	17	0	93	0	54	0	39
AVERAGE SPEED	0	55.18	0	54.87	0	57.00	0	54.23	0	53.72	0	54.92
DIRECTION SB												
NUMBER OF VEHICLES	0	129	0	85	0	44	0	82	0	49	0	33
AVERAGE SPEED		54.89	0	54.66	0	55.34	0	53.57	0	51.84	0	56.15

TABLE A25 SPEED DATA

STATION UI-6 HIGHWAY I-65 LOCATION Just east of White River

NO. OF LANES 6 TYPE OF SURFACE Concrete WEATHER Cloudy

THIS OBSERVATION
DATE 8-21-79
TIME 11:10-11:42 a.m. NB
10:27-11:06 a.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE 5-21-79
TIME 10:02-10:40 a.m.
12:50-1:25 p.m.

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	360	279	289	203	71	76	161	154	75	77	86	77
AVE. SPEED (MPH)	57.90	57.70	57.60	57.87	59.40	57.24	58.00	57.14	58.80	57.31	57.20	56.97
STANDARD DEVIATION	4.270	4.504	3.877	4.681	5.368	3.986	4.435	4.992	5.061	5.069	3.680	4.942
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0		0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	.3	.4	.3	.5	0	0	.6	.6	1.3	0	0	1.3
49 MPH	1.7	2.5	1.4	2.5	2.8	2.6	2.5	5.2	2.7	5.2	2.3	5.2
54 MPH	20.0	19.4	20.8	18.7	16.9	21.1	15.5	30.5	10.7	31.2	19.8	29.9
59 MPH	67.2	71.3	72.3	70.9	46.5	72.4	70.2	69.5	65.3	64.9	74.4	74.0
64 MPH	95.0	91.0	97.2	89.2	85.9	96.1	93.2	93.5	86.7	93.5	98.8	93.5
69 MPH	99.2	99.3	99.7	99.0	97.2	100.0	98.8	98.7	97.3	98.7	100.0	98.7
74 MPH	99.4	100.0	99.7	100.0	98.6	100.0	99.4	100.0	98.7	100.0	100.0	100.0
79 MPH	99.7	100.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	187	148	147	110	40	38	78	74	41	35	37	39
AVERAGE SPEED	58.20	57.86	57.70	57.85	60.00	57.89	58.30	57.31	59.20	57.17	57.40	57.44
DIRECTION SB												
NUMBER OF VEHICLES	173	131	142	93	31	38	83	80	34	42	49	38
AVERAGE SPEED	57.70	57.51	57.40	57.89	58.60	56.58	57.60	56.99	58.40	57.43	57.10	56.50

TABLE A26 SPEED DATA

STATION UI-1 HIGHWAY I-94 LOCATION 1st bridge west of Burr Street Interchange

NO. OF LANES 6 TYPE OF SURFACE Blacktop WEATHER Sunny

THIS OBSERVATION
DATE 9-10-79
TIME 12:27-12:51 p.m. EB
11:15 a.m.-12:06 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 106)
DATE 8-7-78
TIME 10:29-11:09 a.m. EB
11:20-11:54 a.m. WB

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		≤5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	264	195	131	70	133	125	159	252	69	61	90	191
AVE. SPEED (MPH)	57.20	55.59	56.50	54.93	57.90	55.96	56.80	55.60	56.40	54.70	57.10	55.88
STANDARD DEVIATION	4.846	4.065	5.107	4.001	4.484	4.069	4.608	4.143	5.443	3.801	3.855	4.217
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	.4	.5	2.8	1.4	0	0	0	0	0	0	0	0
44 MPH	1.9	.5	3.0	1.4	.8	0	1.3	1.2	1.5	0	1.1	1.6
49 MPH	5.7	7.2	7.6	7.1	3.8	7.2	8.8	5.6	14.5	6.6	4.4	5.2
54 MPH	25.8	36.4	32.1	41.4	19.5	33.6	25.8	37.7	31.9	47.5	21.1	34.6
59 MPH	67.4	82.1	74.1	90.0	60.9	77.6	77.4	82.9	72.5	88.5	81.1	81.2
64 MPH	95.8	99.5	96.2	100.0	95.5	99.2	96.9	98.8	95.7	98.4	97.8	99.0
69 MPH	99.6	100.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
74 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
89 MPH	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	133	85	52	24	81	61	78	133	25	29	53	104
AVERAGE SPEED	57.50	55.61	57.10	54.83	57.80	55.92	57.10	56.08	56.60	54.69	57.30	56.46
DIRECTION WB												
NUMBER OF VEHICLES	131	110	79	46	52	64	81	119	44	32	37	87
AVERAGE SPEED	56.90	55.57	56.10	54.98	58.20	56.00	56.50	55.06	56.30	54.72	56.70	55.18

TABLE A27 SPEED DATA

STATION UI-2 HIGHWAY I-65 LOCATION 0.8 miles south of US 30

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Cloudy

THIS OBSERVATION
DATE 9-13-79
TIME 1:22 p.m.-2:32 p.m. NB
10:28 a.m.-12:00 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO.____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	255	0	112	0	143	0	177	0	49	0	128
AVE. SPEED (MPH)	0	57.52	0	56.97	0	57.95	0	57.14	0	57.12	0	57.14
STANDARD DEVIATION	0	5.051	0	5.340	0	4.787	0	4.250	0	4.906	0	3.992
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	.8	0	.9	0	.7	0	.6	0	0	0	.8
49 MPH	0	5.1	0	7.1	0	3.5	0	2.8	0	4.1	0	2.3
54 MPH	0	21.6	0	25.0	0	18.9	0	25.4	0	28.6	0	24.2
59 MPH	0	71.4	0	75.9	0	67.8	0	74.6	0	75.5	0	74.2
64 MPH	0	91.0	0	92.0	0	90.2	0	93.8	0	91.8	0	94.5
69 MPH	0	98.0	0	98.2	0	97.9	0	99.4	0	98.0	0	100.0
74 MPH	0	98.8		98.2	0	99.3	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES		130		57	0	73	0	90	0	29	0	61
AVERAGE SPEED	0	57.28	0	56.81	0	57.66	0	58.76	0	58.69	0	58.79
DIRECTION SB												
NUMBER OF VEHICLES	0	125	0	55	0	70	0	87	0	20	0	67
AVERAGE SPEED	0	57.77	0	57.15	0	58.26	0	55.46	0	54.85	0	55.64

TABLE A28 SPEED DATA

STATION UI-4 HIGHWAY I-465 LOCATION 100 yards south of 34th Street bridge

NO. OF LANES 6 TYPE OF SURFACE Concrete WEATHER Hazy

THIS OBSERVATION
DATE 8-23-79
TIME 1:07-1:49 p.m. NB
10:30-11:48 a.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	268	0	186	0	82	0	171	0	93	0	78
AVE. SPEED (MPH)	0	56.04	0	55.94	0	56.27	0	56.48	0	57.05	0	55.79
STANDARD DEVIATION	0	4.057	0	3.991	0	4.219	0	4.426	0	4.548	0	4.204
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	.4	0	.5	0	0	0	.6	0	1.1	0	0
49 MPH	0	5.2	0	4.8	0	6.1	0	5.3	0	4.3	0	6.4
54 MPH	0	33.6	0	35.5	0	29.3	0	32.7	0	29.0	0	37.2
59 MPH	0	83.2	0	83.9	0	81.7	0	75.4	0	72.0	0	79.5
64 MPH	0	98.1	0	98.9	0	96.3	0	97.1	0	95.7	0	98.7
69 MPH	0	100.0	0	100.0	0	100.0	0	99.4	0	98.9	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	130	0	93	0	37	0	84	0	43	0	41
AVERAGE SPEED		55.51	0	55.41	0	55.76	0	56.02	0	56.88	0	55.12
DIRECTION SB												
NUMBER OF VEHICLES	0	138	0	93	0	45	0	87	0	50	0	37
AVERAGE SPEED	0	56.54	0	56.46	0	56.69	0	56.92	0	57.22	0	56.54

TABLE A29 SPEED DATA

STATION RIALL HIGHWAY 4 lane rural LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE April-June 1979
TIME _____

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	2144	0	1179	0	965	0	1314	0	516	0	798
AVE. SPEED (MPH)	0	58.76	0	58.52	0	59.04	0	58.66	0	58.02	0	59.7
STANDARD DEVIATION	0	4.590	0	4.601	0	4.562	0	4.944	0	4.899	0	4.932
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	.2	0	0	0	.3
39 MPH	0	0	0	0	0	0	0	.2	0	0	0	.4
44 MPH	0	.2	0	.2	0	.2	0	.7	0	.6	0	.8
49 MPH	0	1.4	0	1.5	0	1.1	0	3.0	0	2.5	0	3.3
54 MPH	0	16.2	0	17.4	0	14.7	0	17.1	0	21.3	0	14.4
59 MPH	0	60.7	0	63.3	0	57.6	0	56.2	0	64.3	0	50.9
64 MPH	0	90.5	0	91.3	0	89.6	0	89.3	0	91.5	0	88.0
69 MPH	0	97.6	0	97.7	0	97.5	0	98.6	0	98.3	0	98.9
74 MPH	0	99.6	0	99.7	0	99.6	0	99.8	0	99.6	0	99.9
79 MPH	0	100.0	0	100.0	0	100.0	0	99.9	0	99.8	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	99.9	0	99.8	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A30 SPEED DATA

STATION 4LALL HIGHWAY 4 lane rural LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE April-June 1979
TIME _____

		PASSENGER CARS								TRUCKS			
		ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION		LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES		0	2271	0	1754	0	517	0	1250	0	608	0	642
AVE. SPEED (MPH)		0	56.08	0	56.15	0	55.87	0	55.75	0	55.19	0	56.28
STANDARD DEVIATION		0	5.243	0	5.142	0	5.572	0	5.634	0	5.236	0	5.941
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN	24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
	29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
	34 MPH	0	.0	0	.1	0	0	0	.3	0	0	0	.6
	39 MPH	0	.3	0	.3	0	.2	0	.8	0	.3	0	1.2
	44 MPH	0	1.9	0	1.8	0	2.1	0	2.9	0	2.8	0	3.0
	49 MPH	0	9.6	0	9.0	0	11.6	0	12.2	0	12.8	0	11.5
	54 MPH	0	35.4	0	34.3	0	39.3	0	37.5	0	41.4	0	33.8
	59 MPH	0	76.9	0	76.9	0	76.8	0	77.1	0	83.1	0	71.5
	64 MPH	0	95.1	0	95.4	0	94.2	0	94.8	0	96.5	0	93.1
	69 MPH	0	99.1	0	99.2	0	98.8	0	99.2	0	99.2	0	99.2
	74 MPH	0	99.9	0	99.9	0	99.8	0	99.9	0	99.8	0	100.0
	79 MPH	0	100.0	0	99.9	0	100.0	0	99.9	0	99.8	0	100.0
	84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
	89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A31 SPEED DATA

STATION 2LALL HIGHWAY 2 lane rural LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE April-June 1979
TIME _____

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES		2036	0	1827	0	209	0	1426	0	752	0	674
AVE. SPEED (MPH)	0	55.79	0	55.76	0	56.05	0	54.84	0	54.44	0	55.30
STANDARD DEVIATION	0	5.720	0	5.770	0	5.265	0	5.816	0	5.895	0	5.696
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	.1	0	.1	0	0	0	.1	0	.1	0	0
39 MPH	0	.4	0	.3	0	1.0	0	1.1	0	1.2	0	.9
44 MPH	0	2.1	0	2.1	0	1.9	0	4.8	0	5.2	0	4.3
49 MPH	0	10.4	0	10.6	0	8.6	0	15.5	0	16.5	0	14.4
54 MPH	0	40.1	0	40.4	0	37.8	0	45.6	0	49.9	0	40.8
59 MPH	0	79.1	0	79.2	0	78.0	0	80.1	0	82.6	0	77.3
64 MPH	0	93.5	0	93.4	0	94.3	0	95.8	0	95.5	0	96.1
69 MPH		98.3		98.2	0	99.0	0	99.2	0	98.8	0	99.7
74 MPH	0	99.5	0	99.4	0	100.0	0	99.9	0	99.7	0	100.0
79 MPH	0	99.8	0	99.7	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	99.9	0	99.8	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	99.9	0	99.9	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A32 SPEED DATA

STATION UIALL HIGHWAY Urban LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE April-June 1979
TIME _____

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	997	0	571	0	426	0	754	0	280	0	474
AVE. SPEED (MPH)	0	56.79	0	56.70	0	56.92	0	56.47	0	56.62	0	56.38
STANDARD DEVIATION	0	4.539	0	4.638	0	4.406	0	4.459	0	4.702	0	4.312
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	.1	0	.2	0	0	0	0	0	0	0	0
44 MPH	0	.5	0	.7	0	.2	0	.8	0	.4	0	1.1
49 MPH	0	4.8	0	4.7	0	4.9	0	4.8	0	5.0	0	4.6
54 MPH	0	27.1	0	28.2	0	25.6	0	32.2	0	33.6	0	31.4
59 MPH	0	76.6	0	78.5	0	74.2	0	74.5	0	74.3	0	77.8
64 MPH	0	94.6	0	94.2	0	95.1	0	94.2	0	95.0	0	96.8
69 MPH	0	99.3	0	99.3	0	99.3	0	99.5	0	98.9	0	99.8
74 MPH	0	99.7	0	99.6	0	99.8	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A33 SPEED DATA

STATION ALL HIGHWAY Indiana System LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. 109)
DATE April-June 1979
TIME _____

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	7448	0	5331	0	2117	0	4744	0	2156	0	2588
AVE. SPEED (MPH)	0	56.87	0	56.60	0	57.54	0	56.40	0	55.79	0	56.91
STANDARD DEVIATION	0	5.260	0	5.311	0	5.068	0	5.541	0	5.518	0	5.509
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	.0	0	.1	0	0	0	.1	0	.0	0	.2
39 MPH	0	.2	0	.2	0	.1	0	.6	0	.5	0	.7
44 MPH	0	1.3	0	1.4	0	.9	0	2.5	0	2.8	0	2.3
49 MPH	0	6.8	0	7.4	0	5.2	0	9.4	0	10.6	0	8.5
54 MPH	0	30.1	0	32.0	0	25.2	0	33.5	0	38.5	0	29.2
59 MPH	0	72.8	0	74.8	0	67.6	0	72.1	0	77.3	0	67.8
64 MPH	0	93.3	0	93.7	0	92.3	0	93.8	0	94.8	0	93.0
69 MPH	0	98.5	0	98.6	0	98.3	0	99.1	0	98.8	0	99.3
74 MPH	0	99.7	0	99.6	0	99.7	0	99.9	0	99.8	0	100.0
79 MPH	0	99.9	0	99.9	0	100.0	0	100.0	0	99.9	0	100.0
84 MPH	0	100.0	0	99.9	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A34 SPEED DATA

STATION RI-34 HIGHWAY I-65 LOCATION 1.3 miles north of SR 267

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 9-7-79
TIME 1:33-2:54 NB
10:16-12:04 SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO.____)
DATE
TIME

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.	>5000 LBS.
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	PRESENT	PRESENT
NUMBER OF VEHICLES	-0	275	-0	134	-0	141	-0	159	57	102
AVE. SPEED (MPH)	-0	58.97	-0	59.07	-0	58.87	-0	58.90	57.61	59.62
STANDARD DEVIATION	-0	4.499	-0	4.675	-0	4.341	-0	4.903	5.341	4.510
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	-0	0	-0	0	-0	0	-0	0	0	0
29 MPH	-0	0	-0	0	-0	0	-0	0	0	0
34 MPH	-0	0	-0	[illegible]	-0	0	-0	[illegible]	0	[illegible]
39 MPH	-0	0	-0	0	-0	0	-0	1.3	1.8	1.0
44 MPH	-0	.4	-0	0	-0	.7	-0	1.9	1.8	2.0
49 MPH	-0	1.1	-0	.7	-0	1.4	-0	3.1	5.3	2.0
54 MPH	-0	12.7	-0	11.9	-0	13.5	-0	11.3	17.5	7.8
59 MPH	-0	60.7	-0	60.4	-0	61.0	-0	51.6	64.9	44.1
64 MPH	-0	89.5	-0	88.1	-0	90.8	-0	92.5	93.0	92.2
69 MPH	-0	97.8	-0	97.8	-0	97.9	-0	100.0	100.0	100.0
74 MPH	-0	99.6	-0	99.3	-0	100.0	-0	100.0	100.0	100.0
79 MPH	-0	100.0	-0	100.0	-0	100.0	-0	100.0	100.0	100.0
84 MPH	-0	100.0	-0	100.0	-0	100.0	-0	100.0	100.0	100.0
89 MPH	-0	100.0	-0	100.0	-0	100.0	-0	100.0	100.0	100.0
DIRECTION NB										
NUMBER OF VEHICLES	-0	144	-0	58	-0	86	-0	78	24	54
AVERAGE SPEED	-0	58.44	-0	58.26	-0	58.56	-0	58.21	56.71	58.87
DIRECTION SB										
NUMBER OF VEHICLES	-0	131	-0	76	-0	55	-0	81	33	48
AVERAGE SPEED	-0	59.55	-0	59.68	-0	59.36	-0	59.57	58.27	60.46

TABLE A35 SPEED DATA

STATION BI-35 HIGHWAY I-74 LOCATION 1.0 miles east of SR 39

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Cloudy

THIS OBSERVATION
DATE 8-20-79
TIME 10:23 a.m.-12:02 p.m. EB
12:53-2:28 p.m. WB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	0	286	0	164	0	122	0	139	0	55	0	84
AVE. SPEED (MPH)		58.96		59.31	0	58.48	0	58.60	0	58.56	0	58.63
STANDARD DEVIATION	0	4.971	0	5.269	0	4.519	0	6.099	0	6.732	0	5.688
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	2.2	0	3.6	0	1.2
44 MPH	0	.3	0	0	0	.8	0	2.2	0	3.6	0	1.2
49 MPH	0	2.1	0	2.4	0	1.6	0	6.5	0	5.5	0	7.1
54 MPH	0	17.5	0	18.9	0	15.6	0	18.7	0	18.2	0	19.0
59 MPH	0	59.4	0	57.3	0	62.3	0	54.0	0	52.7	0	54.8
64 MPH	0	89.2	0	87.2	0	91.8	0	87.8	0	89.1	0	86.9
69 MPH	0	97.6	0	96.3	0	99.2	0	98.6	0	98.2	0	98.8
74 MPH	0	99.3	0	98.8	0	100.0	0	99.3	0	98.2	0	100.0
79 MPH	0	99.7	0	99.4	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB												
NUMBER OF VEHICLES	0	153	0	92	0	61	0	60	0	23	0	37
AVERAGE SPEED	0	59.32	0	59.57	0	58.95	0	58.52	0	58.48	0	58.54
DIRECTION WB												
NUMBER OF VEHICLES	0	133	0	72	0	61	0	79	0	32	0	47
AVERAGE SPEED	0	58.54	0	58.99	0	58.02	0	58.67	0	58.62	0	58.70

TABLE A36 SPEED DATA

STATION 4L-14 HIGHWAY US 40 LOCATION 0.9 miles east of Cumberland City Limit Sign

NO. OF LANES: 4 TYPE OF SURFACE Blacktop WEATHER Sunny, Hazy

THIS OBSERVATION
DATE 9-11-79, 9-12-79
TIME 11:02-1:15 EB (9-11-79)
11:06-1:06 WB (9-12-79)

LAST PREVIOUS OBSERVATION (SPEED REPORT NO.____)
DATE
TIME

		PASSENGER CARS						TRUCKS			
		ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION		LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES		0	341	0	17	0	171	0	117	0	93	0	24
AVE. SPEED (MPH)		0	53.50	0	53.70	0	53.31	0	52.29	0	52.43	0	51.75
STANDARD DEVIATION		0	5.490	0	4.973	0	5.969	0	5.190	0	4.970	0	6.052
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN	24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
	29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
	34 MPH	0	.6	0	0	0	1.2	0	0	0	0	0	0
	39 MPH	0	1.2	0	.6	0	1.8	0	.9	0	0	0	4.2
	44 MPH	0	5.3	0	5.3	0	5.3	0	4.5	0	7.5	0	12.5
	49 MPH	0	21.4	0	18.8	0	24.0	0	24.5	0	25.8	0	29.2
	54 MPH	0	55.4	0	51.2	0	59.6	0	65.0	0	64.5	0	66.7
	59 MPH	0	88.0	0	88.8	0	87.1	0	93.2	0	94.6	0	87.5
	64 MPH	0	97.9	0	98.8	0	97.1	0	99.1	0	98.9	0	100.0
	69 MPH	0	99.1	0	100.0	0	98.2	0	100.0	0	100.0	0	100.0
	74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
	79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
	84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
	89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION EB													
NUMBER OF VEHICLES		0	159	0	71	0	88	0	51	0	40	0	11
AVERAGE SPEED		0	53.04	0	53.23	0	52.90	0	51.55	0	52.10	0	49.55
DIRECTION WB													
NUMBER OF VEHICLES		0	182	0	99	0	83	0	66	0	53	0	13
AVERAGE SPEED			53.91		54.24	0	53.75	0	52.86	0	52.68	0	53.62

TABLE A37 SPEED DATA

STATION 4L-22 HIGHWAY US 31 LOCATION 2.9 miles south of SR 26

NO. OF LANES 4 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-9-79
TIME 12:03-2:02 p.m. NB
10:23-11:40 a.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	297	0	279	0	18	0	143	0	50	0	93
AVE. SPEED (MPH)	0	57.65	0	57.61	0	58.33	0	57.11	0	57.60	0	56.85
STANDARD DEVIATION	0	4.887	0	4.940	0	4.029	0	5.513	0	5.075	0	5.744
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	.7	0	0	0	1.1
44 MPH	0	.3	0	.4	0	0	0	.7	0	0	0	1.1
49 MPH	0	2.4	0	2.2	0	5.6	0	10.5	0	6.0	0	12.9
54 MPH	0	24.6	0	25.4	0	11.1	0	30.8	0	30.0	0	31.2
59 MPH	0	68.7	0	69.2	0	61.1	0	65.0	0	68.0	0	63.4
64 MPH	0	92.3	0	92.1	0	94.4	0	93.7	0	94.0	0	93.5
69 MPH	0	98.0	0	97.8	0	100.0	0	98.6	0	98.0	0	98.9
74 MPH	0	99.3	0	99.3	0	100.0	0	99.3	0	100.0	0	98.9
79 MPH	0	99.7	0	99.6	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	128	0	125	0	3	0	82	0	34	0	48
AVERAGE SPEED	0	58.52	0	58.53	0	58.00	0	58.41	0	58.50	0	58.35
DIRECTION SB												
NUMBER OF VEHICLES	0	169	0	154	0	15	0	61	0	16	0	45
AVERAGE SPEED	0	57.00	0	56.86	0	58.40	0	55.36	0	55.69	0	55.24

TABLE A38 SPEED DATA

STATION 2L-13 HIGHWAY SR 64 LOCATION 2.05 miles east of SR 37

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Hazy

THIS OBSERVATION
DATE 8-14-79
TIME 9:21 a.m.-4:00 p.m.*

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.	>5000 LBS.
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST / PRESENT	LAST / PRESENT
NUMBER OF VEHICLES	0	128	0	116	0	12	0	129	0 / 72	0 / 57
AVE. SPEED (MPH)	0	54.00	0	53.47	0	59.17	0	53.61	0 / 54.79	0 / 52.12
STANDARD DEVIATION	0	6.512	0	6.210	0	7.371	0	7.151	0 / 7.584	0 / 6.316
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0 / 0	0 / 0
29 MPH	0	0	0	0	0	0	0	0	0 / 0	0 / 0
34 MPH	0	.8	0	.9	0	0	0	.8	0 / 0	0 / 1.8
39 MPH	0	.8	0	.9	0	0	0	1.6	0 / 1.4	0 / 1.8
44 MPH	0	6.3	0	6.9	0	0	0	8.5	0 / 6.9	0 / 10.5
49 MPH	0	26.6	0	27.6	0	16.7	0	27.1	0 / 23.6	0 / 31.6
54 MPH	0	50.0	0	52.6	0	25.0	0	58.9	0 / 52.8	0 / 66.7
59 MPH	0	78.9	0	82.8	0	41.7	0	82.2	0 / 77.8	0 / 87.7
64 MPH	0	96.9	0	97.4	0	91.7	0	95.3	0 / 93.1	0 / 98.2
69 MPH		99.2		100.0	0	91.7	0	97.7	0 / 95.8	0 / 100.0
74 MPH	0	99.2	0	100.0	0	91.7	0	99.2	0 / 98.6	0 / 100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0 / 100.0	0 / 100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0 / 100.0	0 / 100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0 / 100.0	0 / 100.0
DIRECTION EB										
NUMBER OF VEHICLES	0	68	0	63	0	5	0	64	0 / 34	0 / 30
AVERAGE SPEED		53.51	0	53.21	0	57.40	0	53.77	0 / 53.74	0 / 53.80
DIRECTION WB										
NUMBER OF VEHICLES	0	60	0	53	0	7	0	65	0 / 38	0 / 27
AVERAGE SPEED	0	54.55	0	53.77	0	60.43	0	53.46	0 / 55.74	0 / 50.26

*Stopped due to dark skies and light rain. Some vehicles had lights on.

TABLE A39 SPEED DATA

STATION 2L-86 HIGHWAY US 41 LOCATION 5.25 miles north of west bank Wabash River

NO. OF LANES 2 TYPE OF SURFACE Blacktop WEATHER Partly Cloudy (8-24-79)
Hazy (9-18-79)

THIS OBSERVATION
DATE 8-24-79, 9-18-79
TIME 9:28 a.m.-4:00 p.m. (8-24-79)
9:31 a.m.-4:13 p.m. (9-18-79)

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	249	0	195	0	54	0	184	0	122	0	62
AVE. SPEED (MPH)	0	54.56	0	54.26	0	55.63	0	53.23	0	52.56	0	54.56
STANDARD DEVIATION	0	5.487	0	5.650	0	4.748	0	5.422	0	5.577	0	4.874
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	.5	0	.8	0	0
44 MPH	0	2.4	0	3.1	0	0	0	6.0	0	8.2	0	1.6
49 MPH	0	14.5	0	16.4	0	7.4	0	21.2	0	27.9	0	8.1
54 MPH	0	50.2	0	51.3	0	46.3	0	58.7	0	62.3	0	51.6
59 MPH	0	84.3	0	85.6	0	79.6	0	91.3	0	93.4	0	87.1
64 MPH	0	96.0	0	95.9	0	96.3	0	98.4	0	99.2	0	96.8
69 MPH	0	98.8	0	98.5	0	100.0	0	99.5	0	99.2	0	100.0
74 MPH	0	99.6	0	99.5	0	100.0	0	99.5	0	99.2	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	143	0	119	0	24	0	76	0	49	0	27
AVERAGE SPEED	0	54.52	0	54.21	0	56.04	0	53.59	0	52.51	0	55.56
DIRECTION SB												
NUMBER OF VEHICLES	0	106	0	76	0	30	0	108	0	73	0	35
AVERAGE SPEED	0	54.61	0	54.34	0	55.30	0	52.98	0	52.59	0	53.80

TABLE A40 SPEED DATA

STATION UI-2A HIGHWAY I-65 LOCATION 0.8 miles south of US 30

NO. OF LANES 4 TYPE OF SURFACE Concrete WEATHER Cloudy

THIS OBSERVATION
DATE 9-13-79
TIME 1:54-3:02 p.m. NB
10:59 a.m.-12:56 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	0	230	0	126	0	104	0	197	0	51	0	146
AVE. SPEED (MPH)	0	57.23	0	57.36	0	57.09	0	57.25	0	56.18	0	57.63
STANDARD DEVIATION	0	4.219	0	4.394	0	4.012	0	4.147	0	4.573	0	3.936
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0			0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	.4	0	0	0	1.0	0	.5	0	2.0	0	0
49 MPH	0	3.9	0	4.8	0	2.9	0	4.1	0	7.8	0	2.7
54 MPH	0	25.7	0	25.4	0	26.0	0	20.3	0	27.5	0	17.8
59 MPH	0	70.9	0	69.8	0	72.1	0	75.1	0	80.4	0	73.3
64 MPH	0	95.7	0	94.4	0	97.1	0	94.9	0	98.0	0	93.8
69 MPH	0	100.0	0	100.0	0	100.0	0	99.5	0	100.0	0	99.3
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0		100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES	0	126	0	73	0	53	0	89	0	27	0	62
AVERAGE SPEED	0	57.64	0	58.10	0	57.02	0	58.06	0	56.74	0	58.63
DIRECTION SB												
NUMBER OF VEHICLES	0	104	0	53	0	51	0	108	0	24	0	84
AVERAGE SPEED	0	56.74	0	56.34	0	57.16	0	56.59	0	55.54	0	56.89

TABLE A41 SPEED DATA

STATION UI-4A HIGHWAY I-465 LOCATION 100 yds. south of 34th Street bridge

NO. OF LANES 6 TYPE OF SURFACE Concrete WEATHER Hazy

THIS OBSERVATION
DATE 8-23-79
TIME 1:49-3:13 p.m. NB
11:01 a.m.-12:50 p.m. SB

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE
TIME

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	282	0	186	0	96	0	148	0	84	0	64
AVE. SPEED (MPH)		55.57	0	55.56	0	55.58	0	54.57	0	54.96	0	54.05
STANDARD DEVIATION	0	4.919	0	5.012	0	4.759	0	4.760	0	4.793	0	4.702
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH		0	0		0	0	0	0	0	0	0	0
44 MPH	0	1.8	0	2.7	0	0	0	2.0	0	2.4	0	1.6
49 MPH	0	11.3	0	10.2	0	13.5	0	14.9	0	14.3	0	15.6
54 MPH	0	41.1	0	39.8	0	43.8	0	46.6	0	42.9	0	51.6
59 MPH	0	81.2	0	83.3	0	77.1	0	85.8	0	85.7	0	85.9
64 MPH	0	95.7	0	95.2	0	96.9	0	99.3	0	98.8	0	100.0
69 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
74 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
DIRECTION NB												
NUMBER OF VEHICLES		145	0	99	0	46	0	7	0	41	0	29
AVERAGE SPEED	0	55.35	0	55.53	0	54.98	0	54.16	0	55.07	0	52.86
DIRECTION SB												
NUMBER OF VEHICLES	0	137	0	87	0	50	0	78	0	43	0	35
AVERAGE SPEED	0	55.80	0	55.60	0	56.14	0	54.94	0	54.86	0	55.03

TABLE A42 SPEED DATA

STATION RIALL HIGHWAY 4 lane rural LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE _____
TIME _____

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		≥5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	0	561	0	298	0	263	0	298	0	112	0	186
AVE. SPEED (MPH)	0	58.96	0	59.20	0	58.69	0	58.76	0	58.08	0	59.17
STANDARD DEVIATION	0	4.742	0	5.004	0	4.420	0	5.486	0	6.056	0	5.085
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	0	0	0	0	0
29 MPH	0	0	0		0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	1.7	0	2.7	0	1.1
44 MPH	0	.4	0	0	0	.8	0	2.0	0	2.7	0	1.6
49 MPH	0	1.6	0	1.7	0	1.5	0	4.7	0	5.4	0	4.3
54 MPH	0	15.2	0	15.8	0	14.4	0	14.8	0	17.9	0	12.9
59 MPH	0	60.1	0	58.7	0	61.6	0	52.7	0	58.9	0	48.9
64 MPH	0	89.3	0	87.6	0	91.3	0	90.3	0	91.1	0	89.8
69 MPH	0	97.7	0	97.0	0	98.5	0	99.3	0	99.1	0	99.5
74 MPH	0	99.5	0	99.0	0	100.0	0	99.7	0	99.1	0	100.0
79 MPH	0	99.8	0	99.7	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH		100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A43 SPEED DATA

STATION 4LALL HIGHWAY 4 lane rural LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE _____
TIME _____

	PASSENGER CARS						TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	0	638	0	449	0	189	0	260	0	143	0	117
AVE. SPEED (MPH)	0	55.44	0	56.13	0	53.79	0	54.94	0	54.24	0	55.80
STANDARD DEVIATION	0	5.610	0	5.299	0	5.989	0	5.874	0	5.569	0	6.141
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	-	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	.3	0	0	0	1.1	0	0	0	0	0	0
39 MPH	0	.6	0	.2	0	1.6	0	.8	0	0	0	1.7
44 MPH	0	3.0	0	2.2	0	4.8	0	4.2	0	4.9	0	3.4
49 MPH		12.5	0	8.5	0	22.2	0	17.7	0	18.9	0	16.2
54 MPH	0	41.1	0	35.2	0	55.0	0	46.2	0	52.4	0	38.5
59 MPH	0	79.0	0	76.6	0	84.7	0	77.7	0	85.3	0	68.4
64 MPH	0	95.3	0	94.7	0	96.8	0	96.2	0	97.2	0	94.9
69 MPH	0	98.6	0	98.7	0	98.4	0	99.2	0	99.3	0	99.1
74 MPH	0	99.7	0	99.6	0	100.0	0	99.6	0	100.0	0	99.1
79 MPH	0	99.8	0	99.8	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH		100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A44 SPEED DATA

STATION 2LALL HIGHWAY 2 lane rural LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE _____
TIME _____

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES	0	377	0	311	0	66	0	313	0	194	0	119
AVE. SPEED (MPH)	0	54.37	0	53.96	0	56.27	0	53.39	0	53.39	0	53.39
STANDARD DEVIATION	0	5.853	0	5.868	0	5.428	0	6.185	0	6.468	0	5.720
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	<0	0	0	0	0	0	0
29 MPH	0	0			0	0	0	0	0	0	0	0
34 MPH	0	.3	0	.3	0	0	0	.3	0	0	0	.8
39 MPH	0	.3	0	.3	0	0	0	1.0	0	1.0	0	.8
44 MPH	0	3.7	0	4.5	0	0	0	7.0	0	7.7	0	5.9
49 MPH	0	18.6	0	20.6	0	9.1	0	23.6	0	26.3	0	19.3
54 MPH	0	50.1	0	51.8	0	42.4	0	58.8	0	58.8	0	58.8
59 MPH	0	82.5	0	84.6	0	72.7	0	87.5	0	87.6	0	87.4
64 MPH	0	96.3	0	96.5	0	95.5	0	97.1	0	96.9	0	97.5
69 MPH	0	98.9	0	99.0	0	98.5	0	98.7	0	97.9	0	100.0
74 MPH	0	99.5	0	99.7	0	98.5	0	99.4	0	99.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A45 SPEED DATA

STATION UIALL HIGHWAY Urban LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE _____
TIME _____

	PASSENGER CARS						TRUCKS					
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT	LAST	PRES-ENT
NUMBER OF VEHICLES	0	512	0	312	0	200	0	345	0	135	0	210
AVE. SPEED (MPH)	0	56.32	0	56.29	0	56.36	0	56.10	0	55.42	0	56.54
STANDARD DEVIATION	0	4.687	0	4.846	0	4.440	0	4.610	0	4.731	0	4.488
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	-	-	0	0	0	0	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	0	0	0	0	0	0	0	0	0	0	0	0
39 MPH	0	0	0	0	0	0	0	0	0	0	0	0
44 MPH	0	1.2	0	1.6	0	.5	0	1.2	0	2.2	0	.5
49 MPH	0	8.0	0	8.0	0	8.0	0	8.7	0	11.9	0	6.7
54 MPH	0	34.2	0	34.0	0	34.5	0	34.6	0	37.0	0	28.1
59 MPH	0	76.6	0	77.9	0	74.5	0	79.7	0	83.7	0	77.1
64 MPH	0	95.7	0	94.9	0	97.0	0	96.8	0	98.5		95.7
69 MPH	0	100.0	0	100.0	0	100.0	0	99.7	0	100.0	0	99.5
74 MPH	0	100.0		100.0	0	100.0	0	100.0	0	100.0	0	100.0
79 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A46 SPEED DATA

STATION ALL HIGHWAY Indiana System LOCATION See Individual Stations

NO. OF LANES _____ TYPE OF SURFACE _____ WEATHER _____

THIS OBSERVATION
DATE July-September 1979
TIME _____

LAST PREVIOUS OBSERVATION (SPEED REPORT NO. ____)
DATE _____
TIME _____

	PASSENGER CARS								TRUCKS			
	ALL		INDIANA		NON-INDIANA		ALL		<5000 LBS.		>5000 LBS.	
OBSERVATION	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT	LAST	PRESENT
NUMBER OF VEHICLES		2088	0	1370	0	718	0	1316	0	584	0	632
AVE. SPEED (MPH)	0	56.41	0	56.34	0	56.53	0	55.81	0	54.97	0	56.59
STANDARD DEVIATION	0	5.476	0	5.553	0	5.329	0	5.864	0	6.033	0	5.596
PERCENT OF VEHICLES TRAVELING AT OR LESS THAN 24 MPH	0	0	0	0	0	0	0	[illegible]	0	0	0	0
29 MPH	0	0	0	0	0	0	0	0	0	0	0	0
34 MPH	[illegible]	.1	[illegible]	.1	0	.3	0	.1	0	0	0	.2
39 MPH	0	.2	0	.1	0	.4	0	.8	0	.9	0	.8
44 MPH	0	2.0	0	2.1	0	1.7	0	3.5	0	4.8	0	2.4
49 MPH	0	9.6	0	9.6	0	9.5	0	13.5	0	17.1	0	10.1
54 MPH	0	34.1	0	34.5	0	33.3	0	37.6	0	44.3	0	31.3
59 MPH	0	73.9	0	74.8	0	72.3	0	74.7	0	80.7	0	69.1
64 MPH	0	94.0	0	93.6	0	94.7	0	95.1	0	96.2	0	94.1
69 MPH	0	98.8	0	98.7	0	98.9	0	99.3	0	99.0	0	99.5
74 MPH	0	99.7	0	99.6	0	99.9	0	99.7	0	99.5	0	99.8
79 MPH	0	99.9	0	99.9	0	100.0	0	100.0	0	100.0	0	100.0
84 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0
89 MPH	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0	0	100.0

TABLE A47

Monitoring of Speed - Free Flow Techniques
(Statistical Summary)

[X] Quarterly Report--Calendar Quarter Ending Sept. 30, 1979

or

[ ] Annual Report--Year Ending _____

STATE Indiana

	Miles	Number of Monitor Locations	Number of Vehicles Measured	Duration of Measurement Session (Hours)	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Urban	218	4	1751	7.5	56.7	56.0	60.4	60.9	16.8	2.9
Interstate Rural	849	8	3458	22.5	58.7	58.1	62.7	76.7	32.6	7.2
Multi-lane, Divided	657	8	3521	19.75	56.0	55.6	60.6	54.8	17.5	3.7
Multi-lane, Undivided	(Included in multi-lane, divided classification)									
2-Lane, Rural	8030	8	3462	33.25	55.4	54.8	60.1	48.3	15.4	3.9
State Total	9754	28	12192	83	56.7	56.2	61.3	60.0	21.1	4.6

TABLE A48

Monitoring of Speed - All Vehicle Technique
(Statistical Summary)

[X] Quarterly Report--Calendar Quarter Ending Sept. 30, 1979

or

[ ] Annual Report--Year Ending _____

STATE Indiana

	Miles	Number of Monitor Locations	Number of Vehicles Measured	Duration of Measurement Session (Hours)	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Urban	218	2	857	6.5	56.2	56.0	60.4	58.2	16.9	1.2
Interstate Rural	849	2	859	6.75	58.9	58.2	63.1	80.3	34.6	8.0
Multi-lane, Divided	657	2	898	5.75	55.3	54.8	60.3	47.9	16.1	2.9
Multi-lane, Undivided	(Included in multi-lane, divided classification)									
2-Lane, Rural	8030	2	690	13	53.9	53.2	59.1	37.7	12.2	2.6
State Total	9754	8	3304	32	55.8*	55.2*	60.5*	53.5*	19.2*	3.8*

*Computed as statewide weighted averages by method required by "Interim Speed Monitoring Procedures".

TABLE A49

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-6 LOCATION I-65; 7.5 mi. north of SR 160

NUMBER OF SESSIONS 1 DATES 8/16/79 VEHICLES MEASURED 423

AVERAGE SPEED (MPH) 58.8 STANDARD DEVIATION 4.6

MEDIAN SPEED (MPH) 58.2 85TH PERCENTILE SPEED (MPH) 62.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 78 60 MPH 35. 65 MPH 5.

TABLE A50

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-21 LOCATION I-69; 1.6 mi. south of SR 18

NUMBER OF SESSIONS 1 DATES 8/22/79 VEHICLES MEASURED 34

AVERAGE SPEED (MPH) 58.8 STANDARD DEVIATION 4.7

MEDIAN SPEED (MPH) 58.2 85TH PERCENTILE SPEED (MPH) 62.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 77 60 MPH 32 65 MPH 9

TABLE A51

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER BI-12 LOCATION I-74; 0.1 mi. west of Mile Marker 109

NUMBER OF SESSIONS 1 DATES 8/29/79 VEHICLES MEASURED 443

AVERAGE SPEED (MPH) 58.2 STANDARD DEVIATION 4.5

MEDIAN SPEED (MPH) 57.7 85TH PERCENTILE SPEED (MPH) 61.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 74. 60 MPH 31. 65 MPH 4.

TABLE A52

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-34 LOCATION I-65; 1.3 mi. north of SR 267

NUMBER OF SESSIONS 1 DATES 9/7/79 VEHICLES MEASURED 429

AVERAGE SPEED (MPH) 58.6 STANDARD DEVIATION 4.5

MEDIAN SPEED (MPH) 58.5 85TH PERCENTILE SPEED (MPH) 62.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 78. 60 MPH 31. 65 MPH 6.

TABLE A53

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-03 LOCATION I-64; 1.7 mi. west of SR 145

NUMBER OF SESSIONS 1 DATES 8/15/79 VEHICLES MEASURED 426

AVERAGE SPEED (MPH) 59.9 STANDARD DEVIATION 5.2

MEDIAN SPEED (MPH) 58.9 85TH PERCENTILE SPEED (MPH) 64.8

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 81 60 MPH 41 65 MPH 14

TABLE A54

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-64 LOCATION I-64; 4.7 mi. west of Corydon Rd.-SR 135

NUMBER OF SESSIONS 1 DATES 8/15/79 VEHICLES MEASURED 426

AVERAGE SPEED (MPH) 58.6 STANDARD DEVIATION 5.2

MEDIAN SPEED (MPH) 57.8 85TH PERCENTILE SPEED (MPH) 62.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 75 60 MPH 34 65 MPH 8

TABLE A55

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-11 LOCATION I-74; 15.7 mi. east of SR 44

NUMBER OF SESSIONS 1 DATES 8/27/79 VEHICLES MEASURED 434

AVERAGE SPEED (MPH) 58.3 STANDARD DEVIATION 4.2

MEDIAN SPEED (MPH) 57.7 85TH PERCENTILE SPEED (MPH) 62.1

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 74 60 MPH 28 65 MPH 6

TABLE A56

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-35 LOCATION I-74; 1.0 mi. east of SR 39

NUMBER OF SESSIONS 1 DATES 8/20/79 VEHICLES MEASURED 143

AVERAGE SPEED (MPH) 58.6 STANDARD DEVIATION 4.6

MEDIAN SPEED (MPH) 58.2 85TH PERCENTILE SPEED (MPH) 62.2

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 77 60 MPH 30 65 MPH 6

TABLE A57

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-17 LOCATION US 52; 150 ft. east of County Rd. 475W

NUMBER OF SESSIONS 1 DATES 8/2/79 VEHICLES MEASURED 453

AVERAGE SPEED (MPH) 55.2 STANDARD DEVIATION 5.7

MEDIAN SPEED (MPH) 54.7 85TH PERCENTILE SPEED (MPH) 59.8

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 46. 60 MPH 14. 65 MPH 4.

TABLE A58

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-32 LOCATION US 30; 2.9 mi. west of Wanatah City Limit Sign

NUMBER OF SESSIONS 1 DATES 8/17/79 VEHICLES MEASURED 432

AVERAGE SPEED (MPH) 57.6 STANDARD DEVIATION 4.8

MEDIAN SPEED (MPH) 57.1 85TH PERCENTILE SPEED (MPH) 61.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 69. 60 MPH 24. 65 MPH 4.

TABLE A59

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-20 LOCATION US 41; 1.1 mi. north of SR 2

NUMBER OF SESSIONS 1 DATES 9/5/79 VEHICLES MEASURED 426

AVERAGE SPEED (MPH) 56.3 STANDARD DEVIATION 5.9

MEDIAN SPEED (MPH) 55.6 85TH PERCENTILE SPEED (MPH) 62.1

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 54. 60 MPH 22. 65 MPH 7.

TABLE A60

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-21 LOCATION US 31; 1.1 mi. south of SR 38

NUMBER OF SESSIONS 1 DATES 8/10/79 VEHICLES MEASURED 423

AVERAGE SPEED (MPH) 56.4 STANDARD DEVIATION 4.5

MEDIAN SPEED (MPH) 55.9 85TH PERCENTILE SPEED (MPH) 60.4

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 59 60 MPH 17 65 MPH 3.

TABLE A61

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-3 LOCATION US 41; 1.7 mi. south of SR 54 East

NUMBER OF SESSIONS 1 DATES 8/13/79 VEHICLES MEASURED 427

AVERAGE SPEED (MPH) 56.8 STANDARD DEVIATION 5.1

MEDIAN SPEED (MPH) 56.5 85TH PERCENTILE SPEED (MPH) 61.2

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 64 60 MPH 20 65 MPH 4

TABLE A62

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-14 LOCATION US 40; 0.9 mi. east of Cumberland City Limit Sign

NUMBER OF SESSIONS 1 DATES 9/11/79, 9/12/79 VEHICLES MEASURED 459

AVERAGE SPEED (MPH) 52.7 STANDARD DEVIATION 5.1

MEDIAN SPEED (MPH) 52.3 85TH PERCENTILE SPEED (MPH) 57.4

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 32 60 MPH 5. 65 MPH 0.

TABLE A63

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-22 LOCATION US 31; 2.9 mi. south of SR 26

NUMBER OF SESSIONS 1 DATES 8/9/79 VEHICLES MEASURED 446

AVERAGE SPEED (MPH) 58.1 STANDARD DEVIATION 5.1

MEDIAN SPEED (MPH) 57.2 85TH PERCENTILE SPEED (MPH) 62.1

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 71. 60 MPH 27. 65 MPH 7.

TABLE A64

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-23 LOCATION US 31; 0.75 mi. north of SR 18

NUMBER OF SESSIONS 1 DATES 8/9/79 VEHICLES MEASURED 455

AVERAGE SPEED (MPH) 54.9 STANDARD DEVIATION 4.8

MEDIAN SPEED (MPH) 54.5 85TH PERCENTILE SPEED (MPH) 58.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 44. 60 MPH 12. 65 MPH 1.

TABLE A65

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-18 LOCATION US 35; about 300 yds. west of reg. location which is 2.5 mi. east of I-69, Cleo Glass Residence

NUMBER OF SESSIONS 1 DATES 8/22/79 VEHICLES MEASURED 445

AVERAGE SPEED (MPH) 56.4 STANDARD DEVIATION 5.3

MEDIAN SPEED (MPH) 55.9 85TH PERCENTILE SPEED (MPH) 60.1

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 57 60 MPH 16. 65 MPH 3.

TABLE A66

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-54 LOCATION US 231; 1.1 mi. south of SR 234

NUMBER OF SESSIONS 1 DATES 9/6/79 VEHICLES MEASURED 435

AVERAGE SPEED (MPH) 56.[illegible] STANDARD DEVIATION 5.8

MEDIAN SPEED (MPH) 55.1 85TH PERCENTILE SPEED (MPH) 61.3

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 51 60 MPH 18 65 MPH 6

TABLE A67

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-79 LOCATION SR 25; 0.7 mi. south of Americus

NUMBER OF SESSIONS 1 DATES 8/3/79 VEHICLES MEASURED 134

AVERAGE SPEED (MPH) 55.0 STANDARD DEVIATION 5.7

MEDIAN SPEED (MPH) 54.4 85TH PERCENTILE SPEED (MPH) 59.1

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 44 60 MPH 11 65 MPH 3

TABLE A68

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-91 LOCATION SR 43; 2 mi. south of Chalmers

NUMBER OF SESSIONS 1 DATES 8/6/79 VEHICLES MEASURED 418

AVERAGE SPEED (MPH) 56.4 STANDARD DEVIATION 5.4

MEDIAN SPEED (MPH) 55.2 85TH PERCENTILE SPEED (MPH) 60.8

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 52. 60 MPH 18. 65 MPH 6.

TABLE A69

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-6 LOCATION SR 39; 1.65 mi. south of SR 47

NUMBER OF SESSIONS 1 DATES 9/17/79 VEHICLES MEASURED 439

AVERAGE SPEED (MPH) 55.4 STANDARD DEVIATION 5.8

MEDIAN SPEED (MPH) 54.8 85TH PERCENTILE SPEED (MPH) 60.3

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 49. 60 MPH 17. 65 MPH 4.

TABLE A70

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-13 LOCATION SR 64; 2.05 mi. east of SR 37

NUMBER OF SESSIONS 1 DATES 8/14/79 VEHICLES MEASURED 429

AVERAGE SPEED (MPH) 54.5 STANDARD DEVIATION 6.5

MEDIAN SPEED (MPH) 54.3 85TH PERCENTILE SPEED (MPH) 60.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 45 60 MPH 15. 65 MPH 4.

TABLE A71

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-66 LOCATION US 35; 2.6 mi. south of Winamac City Limit Sign

NUMBER OF SESSIONS 1 DATES 8/8/79 VEHICLES MEASURED 440

AVERAGE SPEED (MPH) 54.8 STANDARD DEVIATION 5.5

MEDIAN SPEED (MPH) 54.7 85TH PERCENTILE SPEED (MPH) 59.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 48 60 MPH 14 65 MPH 2

TABLE A72

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-86 LOCATION US 41; 5.25 mi. north of west bank Wabash River

NUMBER OF SESSIONS 1 DATES 8/24/79, 9/18/79 VEHICLES MEASURED 422

AVERAGE SPEED (MPH) 54.6 STANDARD DEVIATION 5.9

MEDIAN SPEED (MPH) 54.3 85TH PERCENTILE SPEED (MPH) 59.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 41 60 MPH 15 65 MPH 3.

TABLE A73

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, URBAN

STATION NUMBER UI-6 LOCATION I-65; just east of White River

NUMBER OF SESSIONS 1 DATES 8/21/79 VEHICLES MEASURED 33

AVERAGE SPEED (MPH) 57.5 STANDARD DEVIATION 4.7

MEDIAN SPEED (MPH) 56.6 85TH PERCENTILE SPEED (MPH) 62.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 65 60 MPH 23 65 MPH 5

TABLE A74

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, URBAN

STATION NUMBER UI-1 LOCATION I-94; 1st bridge west of Burr St. interchange

NUMBER OF SESSIONS 1 DATES 9/10/79 VEHICLES MEASURED 147

AVERAGE SPEED (MPH) 55.6 STANDARD DEVIATION 4.1

MEDIAN SPEED (MPH) 55.1 85TH PERCENTILE SPEED (MPH) 59.4

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 52. 60 MPH 11. 65 MPH 1.

TABLE A75

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, URBAN

STATION NUMBER UI-2 LOCATION I-65; 0.8 mi. south of US 30

NUMBER OF SESSIONS 1 DATES 9/13/79 VEHICLES MEASURED 432

AVERAGE SPEED (MPH) 57.4 STANDARD DEVIATION 4.7

MEDIAN SPEED (MPH) 56.6 85TH PERCENTILE SPEED (MPH) 61.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 68. 60 MPH 20. 65 MPH 5.

TABLE A76

SPEED MONITORING STATION SUMMARY - Free Flow

HIGHWAY CATEGORY INTERSTATE, URBAN

STATION NUMBER UI-4 LOCATION I-465; 100 yds. south of 34th St. bridge

NUMBER OF SESSIONS 1 DATES 8/23/79 VEHICLES MEASURED 439

AVERAGE SPEED (MPH) 56.2 STANDARD DEVIATION 4.2

MEDIAN SPEED (MPH) 56.2 85TH PERCENTILE SPEED (MPH) 59.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 59 60 MPH 13. 65 MPH 1.

TABLE A77

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-34 LOCATION I-65; 1.3 mi. north of SR 267

NUMBER OF SESSIONS 1 DATES 9/7/79 VEHICLES MEASURED 434

AVERAGE SPEED (MPH) 58.9 STANDARD DEVIATION 4.6

MEDIAN SPEED (MPH) 58.3 85TH PERCENTILE SPEED (MPH) 63.0

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 83. 60 MPH 34. 65 MPH 7.

TABLE A78

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY INTERSTATE, RURAL

STATION NUMBER RI-35 LOCATION I-74; 1.0 mi. east of SR 39

NUMBER OF SESSIONS 1 DATES 8/20/79 VEHICLES MEASURED 425

AVERAGE SPEED (MPH) 58.8 STANDARD DEVIATION 5.4

MEDIAN SPEED (MPH) 58.1 85TH PERCENTILE SPEED (MPH) 63.2

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 78 60 MPH 35. 65 MPH 9.

TABLE A79

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-14 LOCATION US 40; 0.9 mi. east of Cumberland City Limit Sign

NUMBER OF SESSIONS 1 DATES 9/11/79, 9/12/79 VEHICLES MEASURED 458

AVERAGE SPEED (MPH) 53.2 STANDARD DEVIATION 5.4

MEDIAN SPEED (MPH) 53.0 85TH PERCENTILE SPEED (MPH) 57.7

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 33 60 MPH 8 65 MPH 1

TABLE A80

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY MULTI-LANE, DIVIDED (RURAL)

STATION NUMBER 4L-22 LOCATION US 31; 2.9 mi. south of SR 26

NUMBER OF SESSIONS 1 DATES 8/9/79 VEHICLES MEASURED 440

AVERAGE SPEED (MPH) 57.5 STANDARD DEVIATION 5.1

MEDIAN SPEED (MPH) 56.7 85TH PERCENTILE SPEED (MPH) 61.9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 63 60 MPH 25 65 MPH 5

TABLE A81

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-13 LOCATION SR 64; 2.05 mi. east of SR 37

NUMBER OF SESSIONS 1 DATES 8/14/79 VEHICLES MEASURED 257*

AVERAGE SPEED (MPH) 53.8 STANDARD DEVIATION 6.8

MEDIAN SPEED (MPH) 52.9 85TH PERCENTILE SPEED (MPH) 60.3

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 39 60 MPH 16 65 MPH 4

*Stopped due to dark skies and light rain. Some vehicles had lights on.

TABLE A82

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY TWO-LANE, RURAL

STATION NUMBER 2L-86 LOCATION US 41; 5.25 mi. north of west bank Wabash River

NUMBER OF SESSIONS 1 DATES 8/24/79, 9/18/79 VEHICLES MEASURED 433

AVERAGE SPEED (MPH) 54.0 STANDARD DEVIATION 5.5

MEDIAN SPEED (MPH) 53.4 85TH PERCENTILE SPEED (MPH) 58.6

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 37. 60 MPH 10. 65 MPH 2.

TABLE A83

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY INTERSTATE, URBAN

STATION NUMBER UI-2A LOCATION I-65; 0.8 mi. south of US 30

NUMBER OF SESSIONS 1 DATES 9/13/79 VEHICLES MEASURED 427

AVERAGE SPEED (MPH) 57.2 STANDARD DEVIATION 4.2

MEDIAN SPEED (MPH) 56.9 85TH PERCENTILE SPEED (MPH) 6[illegible].9

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 68. 60 MPH 21. 65 MPH 2.

TABLE A84

SPEED MONITORING STATION SUMMARY - Every 2nd Vehicle

HIGHWAY CATEGORY INTERSTATE, URBAN

STATION NUMBER UI-4A LOCATION I-465; 100 yds. south of 34th Street bridge

NUMBER OF SESSIONS 1 DATES 8/23/79 VEHICLES MEASURED 430

AVERAGE SPEED (MPH) 55.2 STANDARD DEVIATION 4.9

MEDIAN SPEED (MPH) 54.8 85TH PERCENTILE SPEED (MPH) 59.5

PERCENTAGE OF VEHICLES EXCEEDING:

55 MPH 49 60 MPH 13. 65 MPH 2.

COVER DESIGN BY ALDO GIORGINI